ITS-ET   **IETTI**

InformationTechnology Services   Iowa Educational Technology
Educational Technology   and Training Institute
www.uni.edu/its/et   www.uni.edu/ietti

Role of the Internet in Learning and Teaching Series

Number of sessions: 7 hands-on workshops (maximum of 20 attendees each)
Length of each session: 2 hours each workshop for all but number 7 which is 3 hours
Costs: $100/hr @ 15 hrs = $1,500 total series
Plus travel, lodging and expenses, if needed.
Workshop materials fee: No cost for workshop materials; they will be provided as downloadable files from the WWW.
Minimum Hardware Requirements:
Lab of 20 computers plus one instructor computer (all with same version of operating system
and required programs), Internet connection for all computers (No dialup connections, please.),
LCD/DLP projector, screen (6 across or larger)
Minimum Software Requirements (Windows):
Windows 95, 98, ME, 2000, XP; Notepad; Netscape Navigator 4.0 or newer (but not version 6.x); Netscape Composer 4.0
or newer (but not version 6.x); WS_FTP LE (free **F**ile **T**ransfer **P**rotocol software, downloadable at http://download.com)
Minimum Software Requirements (Macintosh):
Macintosh OS (any), SimpleText, Netscape Navigator 4.0 or newer (but not version 6.x), Netscape Composer 4.0 or newer
(but not version 6.x), Fetch (free **F**ile **T**ransfer **P**rotocol software, downloadable at http://download.com)

At the end of this workshop series, you will be able to:
- Search more effectively and efficiently on the World Wide Web.
- Create your own Web site.
- Name six ways to use the Internet to support learning and teaching.
- Teach your students how to responsibly and ethically use the Internet.

Series Overview: The Role of the Internet in Learning and Teaching Series centers on the plethora of opportunities available to K12 educators and students via the Internet. Participants will learn to efficiently and effectively navigate and search the World Wide Web. Means for directing students to the most beneficial Web sites relating to units of study will be shared. Furthermore, educators will learn how to create their own web site. Ways to involve students safely and responsibly in using the Internet will also be discussed. Essentially, we plan to equip participants with skills to practically apply the vast resource of the Internet to curricular goals of the classroom.

By offering these workshops, schools will be able to address:
No Child Left Behind:
- Goal I: By 2013-2014, all students will reach high standards, at a minimum attaining proficiency or better in reading/language arts and mathematics.
- Goal III: By 2005-2006, all students will be taught by highly qualified teachers.
- Goal V: All students will graduate from high school.

State of Iowa Vision:
- Goal 1: Establish an environment that promotes the appropriate and effective use of educational technology.
- Goal 2: Support and strengthen the school improvement process by facilitating effective integration of technology in Iowa Schools to improve teaching and learning.
- Goal 3: Improve support systems for the school improvement process through appropriate and effective technology integration and use in Iowa schools.

State of Iowa Initiatives:
- Reading (language arts), Mathematics and Science
- Teacher/Administrator Induction/Mentor Program

Series consists of the following workshops:

1. <u>**Navigating the World Wide Web**</u> **(2 hours)**
   Chances are there s more to your Web browser than you know. Workshop instructors will explain parts of the browser; customizing toolbars; managing Bookmarks/Favorites; and browser preferences. The workshop will be customized for Internet Explorer or Netscape. Participants will learn what makes a URL (World Wide Web address). Common starting points on the Web will be shared. Finally, we ll warn against some of the potholes on the Information Super Highway.

2. <u>**Fine Tuning Your World Wide Web Searching Skills**</u> **(2 hours)**
   Have you ever spent hours on the World Wide Web searching for specific information you wanted? Never again! In this workshop, instructors teach you skills to broaden and refine your searches. Get experience using directory searches, search engines, and a combination of the two. Learn about multi-engine search tools, Boolean search techniques (an advanced method for limiting your search), and how to create a search bot. Finally, we ll share web sites where you can obtain helper applications such as Acrobat Reader, Real Player, and WinZip and how to download a file once you ve found it.

3. <u>**Responsible and Ethical Use of the Internet**</u> **(2 hours)**
   Yes, the copyright police really do exist! In this workshop, you ll discover numerous copyright resources on the Web. We ll unravel the truth about Fair Use Guidelines and what educators are really allowed to do in regards to the Internet. Examine evaluation criteria for determining reliability and quality of Web sites. Learn acceptable means for citing Internet resources. We ll look at issues surrounding children and online safety and look at sample school acceptable use policies.

4. <u>**The Basics of Creating Web Pages**</u> **(2 hours)**
   Have you always wanted to express yourself on the World Wide Web? This workshop provides the basics of how to create a World Wide Web home page using Hyper Text Markup Language (HTML). It s not as scary as it sounds and provides a good foundation for future work in creating Web pages.

5. <u>**Using an HTML Editor to Create Web Pages**</u> **(2 hours)**
   Now that you have a basic understanding of how Web pages work, learn to use Netscape Composer, a free HTML editor, to easily produce web pages. We ll also demonstrate how to upload completed Web pages onto a World Wide Web server using FTP (File Transfer Protocol).

6. <u>**The Educational Value of the Internet**</u> **(2 hours)**
   We ll begin this session with an Educational Tour of the World Wide Web, showing you great resources for K12 educators. Discover Web sites with lesson plans, the latest research in education, and excellent reference materials. Contact experts from various fields of study. Arrange for pen pals from around the World. Explore classroom Web sites and sites where kids can just have fun while learning. Learn about WebQuests and how to easily create curriculum Web pages. Our main goal with this one is to acquaint you with the implications the Internet holds for education and to provide you with practical classroom applications.

7. <u>**The World Wide Web Your Way**</u> **(3 hours)**
   This is the make-it and take-it workshop you ve been waiting for! Apply what you ve learned throughout this series of workshops to a practical project for your classroom. Get started on your project with your instructors present to provide support. You might choose to create and organize a classroom web site, develop a WebQuest, compose a list of URLs to support your students on a particular lesson/unit, or produce a curriculum Web page. You re only limited by your own imagination. Come prepared with your project idea in mind and bring as many materials as you can to get started.