

Instructor Contact Information

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<http://cita.rehab.uiuc.edu/courses>

Course Meeting Times and Dates (Tenative)

Dates: February 18th to April 24st

Day: Tuesday and Thursday

Time: 4:00 - 5:00 pm CST
(Chicago, IL local time)

Course Technology

Slides and Text Chat: HTML Web
Browser (i.e. Internet Explorer, Opera,
Netscape Navigator)

Audio: Real Media Player

Great Lakes ADA and Accessible Information Technology Center

The Great Lakes Center was founded in 1991 and is one of 10 national centers established by the US Department of Education, National Institute on Disability Rehabilitation and Research (NIDRR) to provide technical assistance regarding the ADA. The Great Lakes Center serves the States of Illinois, Indiana, Michigan, Minnesota, Ohio and Wisconsin. Services include operation of an 800 number for technical assistance and dissemination of information regarding the ADA through training and direct mail. In addition, the Center has expanded its mission to include issues related to the use and acquisition of accessible information technology and it's impact on individuals within a variety of settings, including education, business and government. The Center consistently ranks the highest for volume of calls and number of individuals trained among the 10 centers nationally.

Voice/TTY: 800-949-4232

FAX: 312-413-1856

WWW: www.adagreatlakes.org

E-mail: glbtac@uic.edu

On-Line Course Designing Universally Accessible Web Resources

February 18th to April 24st
2003



Instructor

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Sponsored by
Division of Rehabilitation – Education Services
College of Applied Life Studies
University of Illinois at Urbana/Champaign
And
Great Lakes ADA and Accessible IT Center
Department of Disability and Human
Development
University of Illinois at Chicago
www.adagreatlakes.org
And
Illinois Board of Higher Education

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Who Should Participate

This course is designed for web developers to learn how to create universally accessible web resources for people with disabilities. The course provides an overview of the techniques used by people with disabilities to access information on the web using mainstream browsers and specialized speech output technologies. Participants will learn about the two main standards for web accessibility, the W3C Web Content Accessibility Standards and the Section 508 requirements for web materials. The strengths and weaknesses of different accessibility evaluation and repair tools will be presented to help participants understand how to use the tools to evaluate and repair their web resources. Participants will learn accessibility features of various HTML design practices and how to design web resources using HTML and CSS that benefit all users, including people with disabilities. Captioning of multimedia materials is also covered for Microsoft Media Player, Real Player and Quicktime, and the accessibility of non-W3C technologies like PDF and Flash will also be discussed.

Course Outline

Course Topics:

- Alternative Views of the Web
- Web Accessibility Standards
- Evaluation and Repair Tools
- Describing Images
- Creating Structure and Layout
- Using Cascading Style Sheets
- Scripting Accessibility
- Multi-Media Captioning
- PDF and Flash
- Authoring tools

Instructional Materials

Required Resources

REHAB 7111 NC CD-ROM

- Operasoft Opera 6.0
- Internet Explorer 6.0
- Netscape Navigator 7.0
- Hotmetal Pro Demo
- Magpie
- Quicktime Player
- Real Media Player
- Microsoft Media Player

Optional Materials

Registration Information

Course Rubric: REHAB 711NC

Registration fees: \$285

WWW: <http://www.outreach.uiuc.edu/>

or

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Accessible Web Sites, Jim Thatcher, et. al., Glasshaus.

Dynamic HTML: The Definitive Reference, Danny Goodman, O'Reilly.

Cascading Style Sheets, designing for the Web, Hakon Wium Lie and Bert Bos, Addison Wesley

Designing Web Usability, Jakob Nielson, New Riders Publishing