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 its 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.

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On-Line Course
Designing Universally Accessible Web Resources

February 18th to April 24th
2003

Instructor

Jon Gunderson, Ph.D., ATP

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**

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<td>Web Accessibility Standards</td>
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<td>Evaluation and Repair Tools</td>
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<td>Describing Images</td>
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<td>Using Cascading Style Sheets</td>
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**Registration Information**

Course Rubric: REHAB 711NC

Registration fees: $285

WWW: [http://www.outreach.uiuc.edu/](http://www.outreach.uiuc.edu/)

Contact: Jon Gunderson
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Phone: 217-244-5870

**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**

- **Accessible Web Sites**, Jim Thatcher, et. al., Glasshauss.
- **Cascading Style Sheets, designing for the Web**, Hakon Wium Lie and Bert Bos, Addison Wesley
- **Designing Web Usability**, Jakob Nielsen, New Riders Publishing