

ID	3000
Curricular Unit	Accessibility
Regent	Ana Cristina Guerreiro Espadinha
Learning Outcomes	<ul style="list-style-type: none"> - Understand the concepts of inclusive design, disability, universal design and accessibility and its importance. - Understand the components of web accessibility - Understand the scope of national and international standards of accessibility.
Syllabus	<p>Concept of inclusive design. Concept of universal design. Concept of accessibility. Components of Web Accessibility:</p> <ul style="list-style-type: none"> - Content; - Browsers; - Auxiliary Technologies; - Users; - Responsible for development; - Creation tools; - Evaluation tools. <p>Designing for inclusion:</p> <ul style="list-style-type: none"> - Use of information systems for people with disabilities; - The Web and elderly users; - Mobile Web. <p>Directives and standards of national and international accessibility:</p> <ul style="list-style-type: none"> - Content Accessibility Guidelines (WCAG); - Authoring tools (ATAG); - User Tools (UAAG). <p>Plan and implement Web accessibility</p> <p>Evaluating accessibility:</p> <ul style="list-style-type: none"> - Preliminary Review; - Evaluation of conformity; - Involving users in evaluation. <p>Future accessibility.</p>
Evaluation	<p>2 options:</p> <ul style="list-style-type: none"> - Continuous assessment - practical work in class. - Final Evaluation - Final Exam.

Bibliography

Web accessibility for people with special needs - Annex to the specifications (1997) - Ministry of Science, Technology and Higher Education. UMIC Agency for the Knowledge Society. Access Program.

Resolution of the Board of Ministers 97/99 - Accessibility of Public Administration sites on the Internet for Citizens with Disabilities.

Simões, J.; Bishop, R. (2006) Inclusive Design - Accessibility and Usability in products, services and environments. Portuguese Design Centre.

Slatin, J.; Rush, S. (2003) Maximum Accessibility - Making your Web site more usable for everyone. Addison Wesley.

<http://www.w3.org/>

<http://www.acessibilidade.net>