

<b>ID</b>	2255
<b>Curricular Unit</b>	Accessibility
<b>Regent</b>	Raquel João Henriques Soares dos Santos
<b>Learning Outcomes</b>	<ul style="list-style-type: none"> <li>- Understand the concepts of inclusive design, disability, universal design and accessibility and its importance.</li> <li>- Understand the components of web accessibility</li> <li>- Understand the scope of national and international standards of accessibility.</li> </ul>
<b>Syllabus</b>	<p>Concept of inclusive design.          Concept of universal design.          Concept of accessibility.          Components of Web Accessibility:</p> <ul style="list-style-type: none"> <li>- Content;</li> <li>- Browsers;</li> <li>- Auxiliary Technologies;</li> <li>- Users;</li> <li>- Responsible for development;</li> <li>- Creation tools;</li> <li>- Evaluation tools.</li> </ul> <p>Designing for inclusion:</p> <ul style="list-style-type: none"> <li>- Use of information systems for people with disabilities;</li> <li>- The Web and elderly users;</li> <li>- Mobile Web.</li> </ul> <p>Directives and standards of national and international accessibility:</p> <ul style="list-style-type: none"> <li>- Content Accessibility Guidelines (WCAG);</li> <li>- Authoring tools (ATAG);</li> <li>- User Tools (UAAG).</li> </ul> <p>Plan and implement Web accessibility</p> <p>Evaluating accessibility:</p> <ul style="list-style-type: none"> <li>- Preliminary Review;</li> <li>- Evaluation of conformity;</li> <li>- Involving users in evaluation.</li> </ul> <p>Future accessibility.</p>
<b>Evaluation</b>	<p>2 options:</p> <ul style="list-style-type: none"> <li>- Continuous assessment - practical work in class.</li> <li>- Final Evaluation - Final Exam.</li> </ul>

## **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>