Information and Communication Technology (ICT) Accessibility

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Disability Advisory Commission
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City of
FRESNO

Freedom & Independence

"For people without disabilities, technology makes things easier. For people with disabilities, technology makes things possible."

Mary Pat Radabaugh

Federal, State, Local Government

- Federal Government (Sections 508/255)
- State & Local Government (Title II)
  - Federal Fund recipients (Sections 508/255)
  - DOJ settlements – Project Civic Access

<u>Program Access is required even in the absence of specific regulations</u>

Information Communication Technology (ICT) Refresh

Updates Federal accessibility requirements for ICT covered by Section 508 of Rehab Act and Section 255 of Communications Act

WCAG 2.0 Incorporated by reference

Effective Date: January 18, 2018

§508
§255
REFRESH

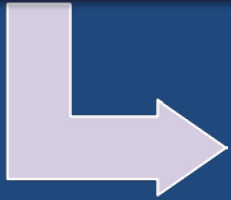# Web Content Accessibility Guidelines (WCAG 2.0)

Defines how to make web content more accessible to people with disabilities

www.w3.org/WAI/

Understanding WCAG 2.0
Top-Down

4 Principles

12 Guidelines

Success Criteria

Sufficient & Advisory Techniques

WCAG 2.0 Principles

Perceivable
- Available to the senses
- Easy to see or hear

Operable
- Interface, controls
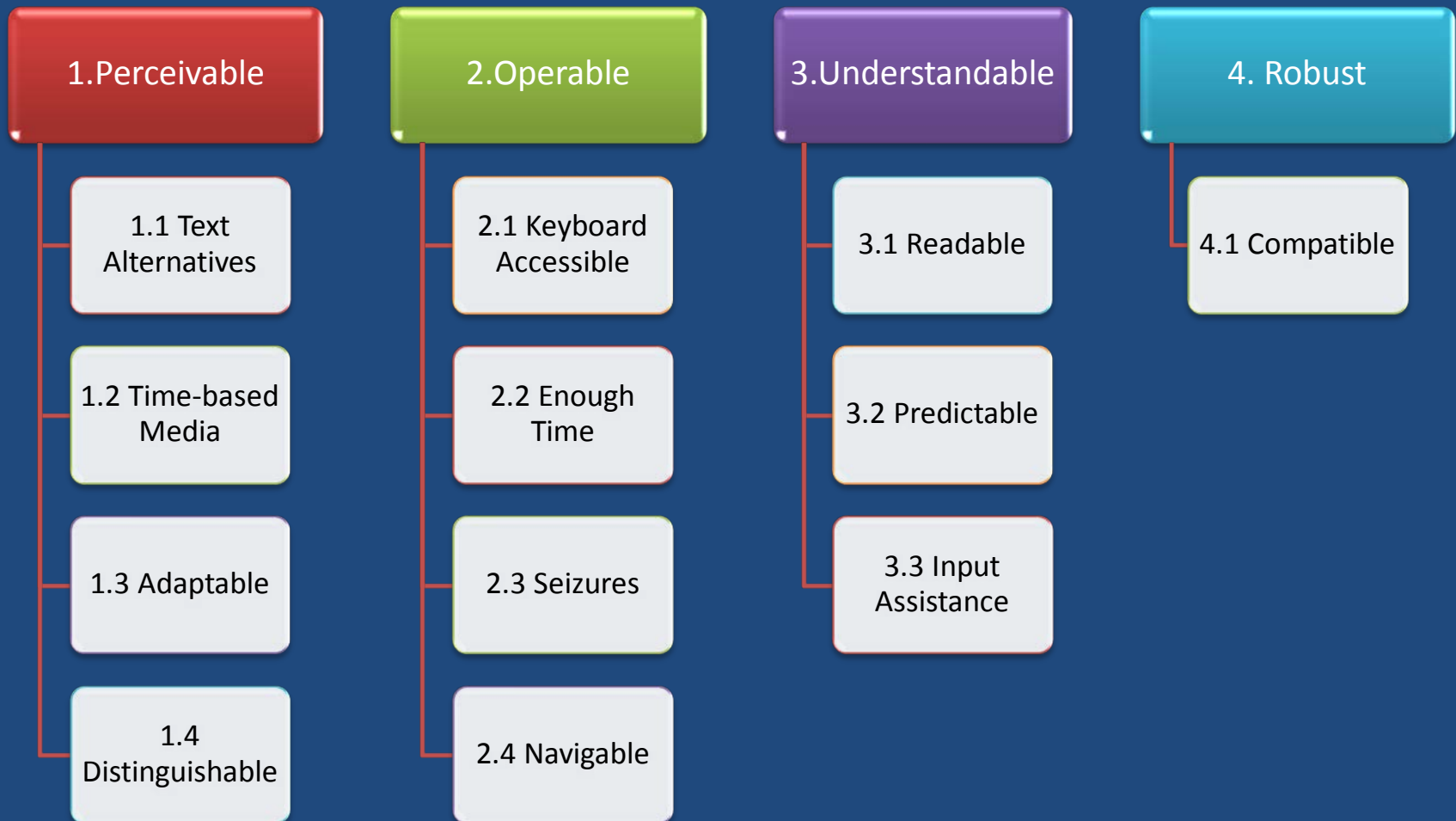- Usable with mouse & keyboard

POUR

Understandable
- Easy to read
- Well-organized

Robust
- Used reliably by variety of browsers, OS, and Assistive Technology

WCAG 2.0 Guidelines

1.Perceivable	2.Operable	3.Understandable	4. Robust
1.1 Text Alternatives	2.1 Keyboard Accessible	3.1 Readable	4.1 Compatible
1.2 Time-based Media	2.2 Enough Time	3.2 Predictable	
1.3 Adaptable	2.3 Seizures	3.3 Input Assistance	
1.4 Distinguishable	2.4 Navigable		

WCAG 2.0 Success Criteria

Specific, testable criteria for judging conformance

- A - Priority 1 checkpoints (*Must*)
- AA - Priority 1 and 2 checkpoints (*Should*)
- AAA - Priority 1, 2, and 3 checkpoints (*May*)

Trend: settlements require Level AA minimum

Success Criteria Example
Guideline: 1.2 Time-Based Media

A	AA	AAA
Audio-only and video-only	Captions (Live)	Sign Language (prerecorded)
Captions	Audio Description (prerecorded)	Extended Audio Description (prerecorded)
Alternative audio description or media alternative		

City Action Steps - Procurements

1. Policy on accessible ICT (1-2 yrs)
   - Vendor services
   - Website accessibility
2. Notifying existing contractors about expectations for compliance (1-2 yrs)
3. Testing before contract renewal (3-5 yrs)
4. Renewed vendor contracts include accessibility conformance requirements (3-5 yrs)

City Action Steps - Website

1. Accessibility issues in the updated website that are identified will be remediated (1 yr)
2. Weekly automated testing (ongoing)
3. Annual testing by individuals with a variety of disabilities (ongoing)

City Action Step – Web Accessibility Coordinator

1. The City will designate a Web Accessibility Coordinator responsible for coordinating the City's web accessibility compliance.

    – The Web Accessibility Coordinator shall be knowledgeable concerning the WCAG 2.0 and web accessibility generally and is available as a resource for Web Content Personnel

City Action Steps - Training

1. ISD Staff to be trained on WCAG 2.0 requirements and how to test for accessibility.

2. Annual training for webmaster and Web Accessibility Coordinator

3. City Staff members who prepare PDFs for posting on the City's website will receive training in creating accessible PDF files.

In today's world, technological equality for persons with disabilities is a social justice issue. To be truly accessible, technological inclusion must be built in from the ground up with every user in mind. Anything else is a step backwards. Anything less creates second class citizens."

Clyde Terry, Chair, National Council on Disability 2016

Questions & Comments