COVR Accessibility
CSU Accessible Technology Network (CSU ATN)

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Four Principles of Accessibility (POUR)

- **P**erceivable - users must be able to perceive the information being presented (it can't be invisible to all of their senses)

- **O**perable - users must be able to operate the interface (the interface cannot require interaction that a user cannot perform)

- **U**nderstandable - users must be able to understand the information as well as the operation of the user interface (the content or operation cannot be beyond their understanding)

- **R**obust - Content must be robust enough that it can be interpreted reliably by a wide variety of user agents, including assistive technologies.

  - This means that users must be able to access the content as technologies advance (as technologies and user agents evolve, the content should remain accessible)

- If any of these are not true, users with disabilities will not be able to use the Web.

- World Wide Web Consortium (W3C) : http://www.w3.org/TR/UNDERSTANDING-WCAG20/intro.html - Web Content Accessibility Guidelines

COVR Accessibility Features

- Full support for keyboard-only usage
  - Operable/**R**obust
- Accessible input controls with descriptive text labels
  - Perceivable/Operable/Understandable /**R**obust
- Structural markup (e.g. headings, lists) that clearly conveys page structure, logical grouping of questions, and streamline navigation
  - Understandable
- Text and layout formatted using Cascading Style Sheets (CSS) that allow users to customize its appearance
  - Understandable/**R**obust
- Extensive use of Accessible Rich Internet Applications (WAI-ARIA) to provide robust support for assistive technology
  - Perceivable/Understandable
- Consistent page layout and navigation across pages
  - Understandable
- Clear concise error handling
  - Perceivable /Understandable/Operable

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Building in Accessibility

- A Collaborative design and development process where accessibility and usability were considered during each phase of the project
  - Developed accessibility requirements
  - Made recommendations during each phase of the development process
    - Usability
    - Technical Accessibility
  - Conducted accessibility and usability testing throughout the iterative implementation process
    - Standards conformance
    - Assistive technology testing

CSU Accessible Technology Network (CSUATN)

- Established to leverage the accessibility expertise across the CSU system.
- Includes members from 7 CSU campuses, the CO ATI Staff, and also contracts with experts outside our system. COVR evaluation team:
    - **Susan Cullen**, Program Manager, staff & students at Universal Design Center, California State University Northridge
    - **Lucia Greco**, Web Access Analyst, University of California, Berkeley
    - **Cheryl Pruitt**, Director, Accessible Technology Initiative, CSU Office of the Chancellor
    - **Mark Turner**, Associate Director, Accessible Technology Initiative, CSU Office of the Chancellor
- Provides shared accessibility evaluation services to the CSU system by reviewing IT products that are used systemwide and also does accessibility reviews for outside entities
- This is the second time we have worked with a state agency to provide accessibility services
- Questions or information requests may be directed to ati@calstate.edu