

**WACTC Tech Task Force  
STRATEGIC TECHNOLOGY ADVISORY COMMITTEE**

**Minutes**

**January 21, 2022  
10:00 a.m. – NOON  
WebEx / Zoom**

**In Attendance:** Chad Stiteler, Dave Pelkey, Eva Smith, Grant Rodeheaver, Joe Duggan, Marc Lentini, Matthew Campbell, Michael Brown, Sandy Main, Stephanie Delaney, Ward Naf

Guests: Andy Duckworth, Jo Munroe, Laura Schueller (SBCTC, Edu)

**Not in Attendance:** Brendon Taga, Brian Culver, Scott Zinn, Steven Sloniker, Teresa Rich, Wendy Hall

**Meeting Objective:**

Discuss strategic goals and strategies. Focus on formalizing Communications, Process and Strategic Planning documentation and governance.

**Introductions; Review & Approval of Minutes**

- Did not have a quorum, will review/approve November and December meeting minutes at next meeting

**Update from CATO & EdTech**

- CATO
  - Evaluating HighPoint HCX (see attached) – checked for accessibility and sent report to Sandy Main
  - Sending letter to DSSC with the findings
  - Suggested continuous testing yearly as well as when things are deployed
  - The 2022 Deployment schedule is coming out soon
    - There is a code freeze through June – the updated HCX will be installed after everything is stable
- EdTech
  - Continuing to work on charter
  - Commons – working on the resources required to maintain and support

**Governance Workshop**

- After some discussion decided to review the STAC Guided Principles at the February 11<sup>th</sup> meeting
  - Will extend the meeting to end at 12:30 instead of noon
  - 10:00-11:00 will be discussion with STAC members
  - 11:00-11:30 will be a break
  - 11:30-12:30 will include some Working Group members for further discussion and questions

**Wrap-up – Actions for next meeting/agenda, workgroup scheduling**

- There will be a sub meeting to determine which documents will be discussed at the February 11<sup>th</sup> meeting

- Documents will be sent prior to meeting giving attendees time to review

**ACTION:** STAC member representatives need to give updates and report out to their commission at their regular meetings.

**Adjourned – 11:55 am**

**Upcoming Meetings**

February 11 – 10:00 a.m. – 12:30 p.m.

February 16 – 1:00 p.m. – 3:00 p.m.

March 11 – 10:00 a.m. – 2:00 p.m.

## HCX Mobile Accessibility Issues

December 2021 Video screencast recordings with CATO co-chair

### Chrome and NVDA

Video recording: <https://www.youtube.com/watch?v=rFswtlxCIC4>

1. Two screens in HCX: first files screen and Course Catalog
2. "Institution" alt text on graphic
  - a. Timestamp 1:21
  - b. Fix for logo alt text is currently in progress
3. "Preferences Button" does not behave well
  - a. Timestamp 1:40
  - b. This is a button with a submenu. The user should be able press Enter or Spacebar to engage Focus mode and arrow up or down through the menu. The menu options are not being announced to the screen reader user. After trial and error, the user was able to use TAB, but this is not a menu. It is a list of buttons not usable by the arrow keys at all.
4. The "About" Button can't be activated with the keyboard unless focus mode is engaged.
  - a. Timestamp: 3:45
  - b. The About button did not open a dialog box.
  - c. The user has to force Focus mode by pressing Insert Space in order to activate the About button with their keyboard. Most screen readers will not know to do this.
5. Uninformative "About" text
  - a. Timestamp: 4:45
  - b. What is the purpose of the information in the "About" dialog box text?
6. Tiles described as buttons appear as links
  - a. Timestamp: 5:12
  - b. The NVDA keyboard command to search by Links shows a list of links that are referred to as buttons. The buttons list shows nothing.
7. Links stylized as H2s
  - a. Timestamp: 6:10
  - b. Why are all the tiles programmed as Heading level 2? That makes no sense to do and appears that headings are being used to stylize text, which is not the purpose of a heading. The tiles should either be a list of Links or be correctly programmed as buttons.
  - c. H2s on a page with no H1
8. inconsistent top nav information between pages
  - a. Timestamp: 8:15
  - b. What does springboard mean?
  - c. Toggle navigation menu in the Course Catalog provides a better example of an accessible menu design.
9. Screen reader-only announcements are dumped at the end of the DOM
  - a. Timestamp: 8:15
  - b. Not best practice for accessibility
10. Uninformative frame title: "Target Content."

- a. Timestamp: 10:45
  - b. Does "Target content" appropriately explain what is in the frame? What does "Target Content" mean?
11. Filter by content
- a. Timestamp: 11:30
  - b. When a user enters into the search bar, a lot of information is read out loud, more than needed.
  - c. Demo of using the arrow key to navigate a menu showing several confusing problems. It is unclear to screen reader users when a menu item is selected or not. After "M" was selected, the Focus mode did not turn off in order to engage the Browse mode. Focus remained on the "Any Letter" element and users had to start back at the beginning of the list. Combo box is delivering bad user experiences.
12. Table being used for layout
- a. Timestamp: 14:25
  - b. Columns are "subject" and "separator" - What is separator?
  - c. Demo of trying to search by Links to find Math and unable to.
13. "Blank" 4th column header in Table when viewing Math classes in Course Catalog
- a. Timestamp: 17:00
  - b. Information presented on screen when "Expanded" is announced after pressing Enter is not discernible to the screen reader user.
14. Use of Heading level for Course Description
- a. Timestamp: 20:30
  - b. No way to easily navigate the large block of text when a selected class section has been expanded.
  - c. "Not in a table cell" - confusing message at 21:15

## [iOS and VoiceOver](#)

Video recording: <https://www.youtube.com/watch?v=RwYDSS8qCUI>

1. Voiceover guesses alt text for school logo (missing alt text is a known issue)
  - a. Timestamp: 1:05
2. H2 headings are announced - again, all the tiles are heading level 2
  - a. Timestamp: 1:50
3. Voiceover detects custom action that is not present. Issue of voiceover speed changing.
  - a. Timestamp: 2:30
4. Preferences gear does not work as expected
  - a. Timestamp: 3:00
5. Close button is unlabeled
  - a. Timestamp: 4:33
6. Close button selected, but the menu does not close as expected
  - a. Timestamp: 4:55
7. "Loading" and "Loading finished" announcements are interfering with user experience
  - a. Timestamp: 5:35

- b. Are these announcements written into the bottom of the DOM?
- 8. Combo box issues; controls not working as expected
  - a. Timestamp: 6:20
- 9. User typing into search bar as last resort since other ways of navigating do not work
  - a. Timestamp: 8:00
- 10. No headings and no use of ARIA
  - a. Timestamp: 9:50
  - b. During this example, we are inside the Course Catalog after searing for and selecting Math.
- 11. Required to swipe and keep swiping to find desired class
  - a. Timestamp: 9:55
- 12. Voiceover announces zero headings on page; also does not detect links
  - a. Timestamp: 13:55
- 13. Is there a hidden table on the page that Voiceover can't navigate?
  - a. Timestamp: 14:30
- 14. Navigating by button does not work
  - a. Timestamp: 15:35
  - b. No way to know which row corresponds with which button. For example, what class does each "view sections" button correspond with?
- 15. Double tap of the "Additional Actions" button and Voiceover focus gets trapped