CCC Accessibility Center – Who and What

Dawn Okinaka, MA
Interim Director

Angela Baucom, MSIS, PMP
Project Manager
Accessibility Center Staff

- Dawn Okinaka – Interim Director
- Angela Baucom – Project Manager
- Liesl Madrona – Instructional Designer
- Shawn Jordison – Alternate Media & Assistive Technology Specialist
Purpose of the CCC Accessibility Center

• Technical Expertise
• Policy / Strategy Guidance
• Training and Self-paced Courses
• Implementation Solutions specific to:
  • Information and Communication Technology Accessibility
  • Alternate Media
  • Assistive Technology
• Resources
How we accomplish our purpose

• In alignment with the California Community Colleges Statewide Accessibility Standard:
  • Institutional best practices & templates in support of the standard
  • Assistance with adoption and maturation systemwide
  • Resources -- products/tools, education, communications
Campus Plan - Strategy

- Policy and standards with example templates
- Guidance for meeting institutional accessibility obligations
- Procurement strategies
- Education and outreach considerations
Campus Plan - Implementation

• Staffing
• Technology Audits “How-to”
• Reporting & Complaint Process - adaptable / adoptable
Training resources available through the CCC Accessibility Center
Trainings Available

- Themed CCC Accessibility Office hours
  - Various topics highlighting products and training
    - Topics this year to date included:
      - Grackle Docs; Creating math content for Word, HTML, and ePub; Pope Tech Canvas Instructor Accessibility Guide; Accessible PDF Flyers from PPT, Video Captioning Pope Tech Web Scanning
    - Topics for the remainder of the year include:
      - STEM Accessibility; Equidox for PDF Remediation; Creating ePub Files and ePub Reading Tools, Pope Tech Canvas Instructor Accessibility Guide
Trainings Available, Cont.

- Vision Resource Center (VRC) self-paced trainings:
  - Introduction to 508
  - Reporting Monitoring & Evaluation of Accessibility
  - Accessible Instructional Materials
  - Universal Design for Learning
  - Accessible Websites
  - Accessible Technology
  - Intersection between Section 504 and Section 508
  - Accessible Presentations
Train-the-Trainer Live via Zoom

• Current offerings:
  Canvas Accessibility
  Microsoft Word Accessibility

• Coming soon:
  PDF
  Math/STEM
Self-Paced Courses in Canvas

- STEM/Math Accessibility
- Canvas Accessibility
- Microsoft Word Accessibility
- Video Captioning
- PowerPoint Accessibility
- PDF Accessibility

- Introduction to Alternate Media
- An Overview of Reading, Writing and Text-to-Speech Tools
- Alternate Media Production Manual
- Alternate Media Workflow Strategies for PDF
cccaccessibility.org > Training > Self-Paced Accessibility Courses
CCAC

Current Product - Resource Offerings
Pope Tech Web Scanning Tool

Dashboard

Result Types

- Errors: 462,39k
- Alerts: 3.1m
- Features: 1.42m

Most Common Issues

466,241 Total

- Empty link: 160,752 (34%)
- Missing alternative: 83,434 (18%)
- Missing form label: 60,860 (13%)
- Linked image missing: 29,680 (6.37%)

Scan Details

<table>
<thead>
<tr>
<th>Name</th>
<th>Errors</th>
<th>Contrast</th>
<th>Alerts</th>
<th>Pages</th>
<th>Details</th>
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Errors By Group

By Occurrences

[Error Groups]

By Density

Legend

- [Red] Errors
- [Gray] Contrast
Pope Tech Canvas Instructor Accessibility Guide

- Reviews Canvas pages for potential accessibility errors and prompts content authors with the necessary changes to fix issues.
- Identifies the accessibility errors and provides an explanation of what the accessibility error means, why it matters, and how to fix it.
CCC Document Converter

Follow the four easy steps below to have your document converted into an alternative, accessible format. The result is delivered in your email inbox. You may upload one or more files, enter a URL to a file or simply type in the text you wish to have converted. The form expands as you make your selections.

**Source**

- File
- URL
- Text

**Step 1 - Upload your document**

Select your file and upload it to the server (max 64 MB). Multiple files of the same type may be selected. Supported file types are .DOC, .DOCX, .PDF, .PPT, .PPTX, .TXT, .XML, .HTML, .HTM, .RTF, .EPUB, .MOBI, .TIFF, .TIF, .GIF, .JPG, .JPEG, .BMP, .PNG, .PCX, .DCX, .J2K, .JP2, .JPX, .DJV and .ASC

File name: [Browse...] No files selected. [Upload]

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Oz Player

- Video plays from YouTube, Vimeo Pro or your own web server or content delivery network
- Responsive: resizes to fit the content area
- Closed Captions
- Synchronized audio descriptions on a separate audio track
- Interactive transcript with text fallback
- Keyboard operable
Chapter 2: Heredity, Prenatal Development, and Birth

In this chapter, we will begin by examining some of the ways in which heredity helps to shape the way we are. We will look at what happens genetically during conception, and describe some known genetic and chromosomal disorders. Next, we will consider what happens during prenatal development, including the impact of teratogens. We will also discuss the impact that both the mother and father have on the developing fetus. Lastly, we will present the birth process and some of the complications that can occur during delivery. Before going into these topics, however, it is important to understand how genes and chromosomes affect development.

Learning Objectives: Heredity

- Define genes
- Distinguish between mitosis and meiosis, genotype and phenotype, homozygous and heterozygous, and dominant and recessive
- Describe some genetic disorders, due to a gene defect, and chromosomal disorders
- Define polygenic and incomplete dominance
- Describe the function of genetic counseling and why individuals may seek genetic counseling
- Define behavioral genetics, describe genotype-environment correlations and
Current Resources on CCC Accessibility Center Website
Canvas Accessibility on Website

Canvas Accessibility

- Transitioning to Online Teaching
- Accessible Content in Canvas
- Instructor Accessibility Guide for Canvas
Alternate Media

Creating Alternate Media

• Microsoft Word
• Microsoft PowerPoint
• PDF Documents
• Creating Braille
• Creating Accessible Math

Alt Format Databases

• Alternate Text Production Center
• Access Text Network
• Bookshare
• Project Gutenberg
• Learning Ally
Assistive Technology Recommendations

- Note-taking Apps
- Screen Readers
- Screen Magnification
- Text-to-Speech Apps
- Voice/Speech Recognition
- Operating System Solutions
Evaluating Web Content Resources

- Automated Tools
- Manual Testing
- Web Browser Tools
- Color Contrast Tools
Video Accessibility Resources

Captioning and Audio Descriptions
• Considerations when captioning
• DECT Grant
• Guidance for Audio Descriptions
• Accessible Video Player Considerations
Web Developer Instructional Videos

- Valid Markup
- Headings
- Display order vs Keyboard focus order
- Keyboard focus
- Form Instructions

- Labels
- Checkboxes and Radio Buttons
- Error messages
- Using Aria
- Timeouts
Other Resources on the CCCAC Website

• Signing up for Mailing Lists
• Getting to the Accessibility Center Help Desk in the Vision Resource Center (VRC)
• Accessibility Center Events Calendar
• Saved presentations from Events
Contact us

Vision Resource Center
ITACCESS Mailing List
CCC Web Accessibility
cccaccessibility.org
accessibility@ccctechcenter.org
LinkedIn: CCC Accessibility Center