

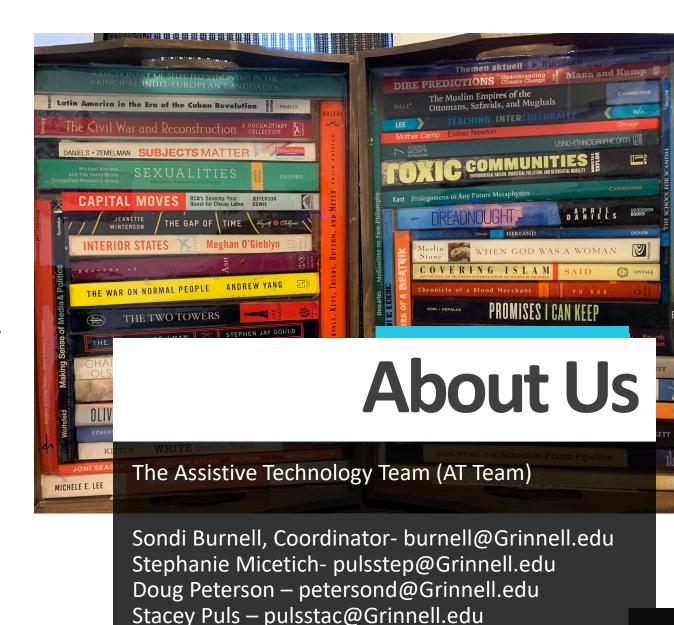
Creating Accessible Course Materials





The AT Team interacts and collaborates with faculty, staff, and students to achieve an equitable learning environment for students with disabilities by:

- **Equity** Access is achieved only when all students can fully participate in the educational opportunities, activities, and services offered by Grinnell College.
- **Collaboration** Access happens when individuals from across campus come together to meet the needs of diverse community of learners.
- Excellence We strive to establish best practices through leadership in addressing barriers to access and furthering the global conversation on disability in higher education.







PDF here, PDF there, PDF from anywhere

The PDF format is a destination file format. PDF files are typically created in some other application. Optimally document accessibility should begin in the native document format. For example, many documents are created in a word processing or desktop publishing application, and then exported as PDF documents.

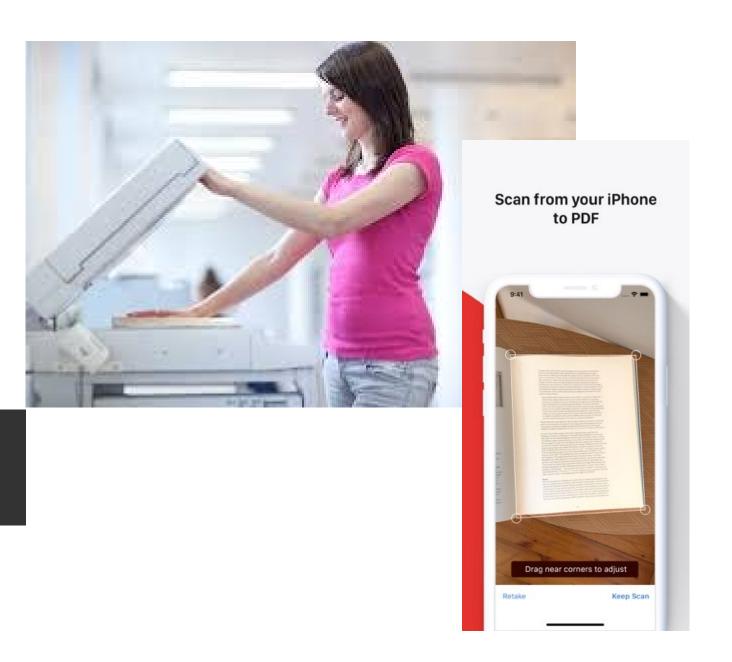
PDF Sources:

- Copy/Scan from hardcopy (Book, Journal, handout)
- Save As PDF
- Export to PDF
- Download from website or database
- Photo or JPEG
- Create a PDF
 - Web browser add-in extension
 - Desktop applications

Making the native document accessible allows for less work when changes are made to the native document and the PDF document is regenerated



Copy/Scan to PDF

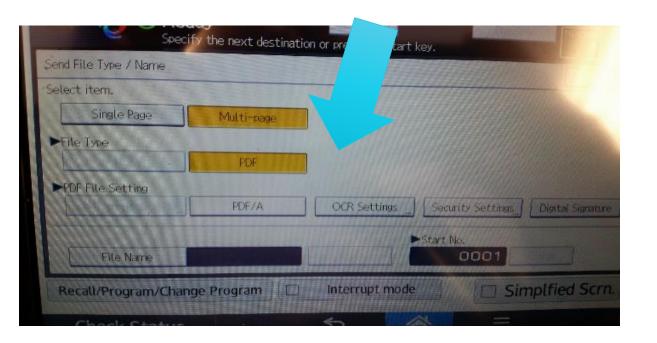




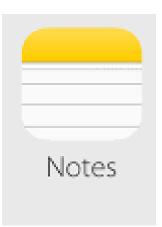
Scanner Options

Department Copiers/Scanners

• Your departmental Academic Support Staff (ASA) are trained to make sure all copies are scanned with the Optical Character Recognition (OCR) function.



Scan with your IPHONE or IPAD



- Scan a document
- Open Notes and select a note or create a new one.
- Tap the Camera button Tap Camera button to start scanning a document in Notes, then tap Scan Documents Scan document icon.
- Place your document in view of the camera.
- If your device is in Auto mode, your document will automatically scan. If you need to manually capture a scan, tap the Shutter button tap the Shutter button to scan or one of the Volume buttons. Then drag the corners to adjust the scan to fit the page, then tap Keep Scan.
- Tap Save or add additional scans to the document.



What NOT to do!

Slanted, underlined, highlighted texted, italic font, font, dirty pages, too light of text, 2-pages on one, etc.

The strength of the kibburz lies in its essential social nature which strives for the complete hearmony of the individual and the group in extension of the control of the group in each of the control o THE MORAL POSTULATES OF KIBBUTZ CULTURE TO HAVE BEGUN this monograph in the usual fashion, with a description of the natural environment or of the subsistence economy of Kiryat Yedidim, would do violence so the inner meaning of its culture, as the above quotation indicates. Kiryat Yedidim, to be sure, is an agricultural vil-

lage consisting of men and women who inhabit a common geographic area and who make their living by tilling the

soil in a cooperative fashion. But Kiryat Yedidim is also-

and primarily a fellowship of those who share a common

To live in Kiryat Yedidim means to become a member of a

kibbutz, and membership in a kibbutz entails more than

voting at town meetings, or driving a tractor in the wheat

¹ All quotations from official kibbutz and Federation publications and speeches have been translated from their original Hebrew by the author.

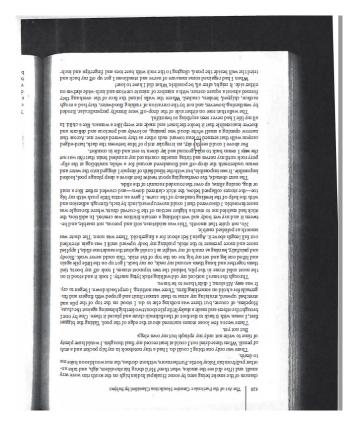
MORAL POSTULATES OF KIBBUTZ CULTURE

fields, or living in a lovely village, It means, primarily, becoming a chaver kibbutz (a comrade of the kibbutz), that is, a person who is dedicated to the social, economic, and national ideals for which the kibbutz stands.2 These ideals were formulated before Kiryat Yedidim came into being and, indeed, it was founded with the purpose of bringing these ideals into being.3 Hence, these ideals must be under stood, if Kiryat Yedidim is to be understood.

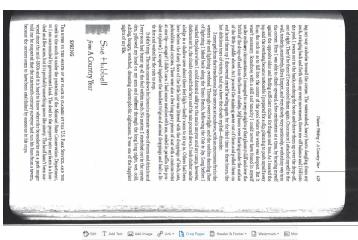
Probably the single most important ideal upon which the entire kibbutz culture is based is what might be termed the moral value of labor. It is no accident, for example, that today, when the entire kibbutz movement is experiencing a profound crisis, it is this principle of avodah atzmit, or selflabor, which has become the measure of the devotion of a kibburz to its original ideals. The founders of Kiryat Yedidim, in many instances, were intellectuals for whom labor was a "calling" rather than a habit. For them, labor was not merely a means for the satisfaction of human needs; rather, labor itself was viewed as a need—probably man's most important need—the satisfaction of which became an end in itself. Ki ba-avodah hi chayenu is the way the kibbutz

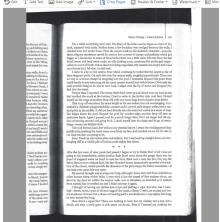
In Institut. At the development of the region is the way in the subduct and in the companion of the companio

Upside down



Sideways or previous page bleed





Add a footer





Remediation

Adobe Acrobat Pro

If a PDF is a scan of a physical copy rather than a digitally-created document, the OCR tool is necessary to recognize text

- Before OCR is used, all text in the document is technically simply part of a single image
- OCR searches through this image for things that are likely text characters and marks them as such
- The cleaner the scan, the better OCR will be able to recognize what is and is not text in the document



Adobe Acrobat Pro

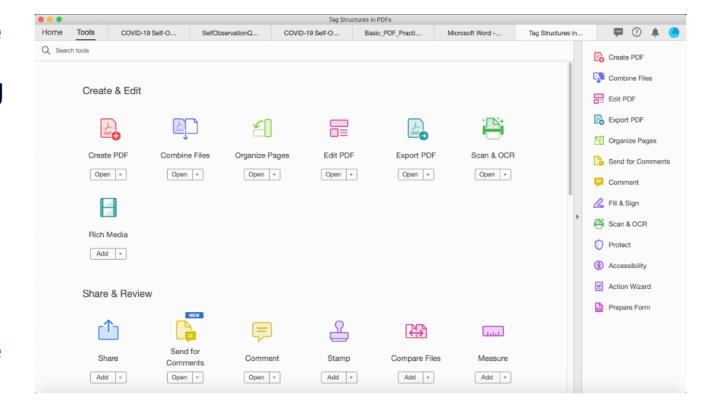


3c. Setting Up Acrobat Pro DC

To add a tool, click the "Add" button below its icon. Add the following tools:

- Scan & OCR
- Fill & Sign
- Prepare Form
- Accessibility
- Action Wizard

Exit the tool tab by clicking any right pane tool button

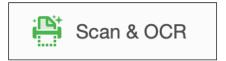


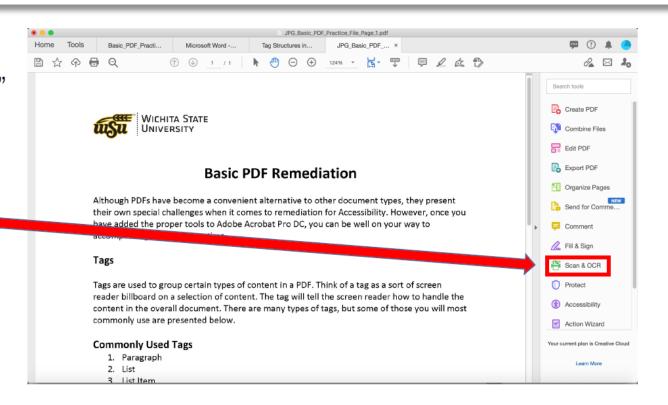
Add a footer



Open up your PDF Document

Open the right tool pane Select the "Scan & OCR" tool



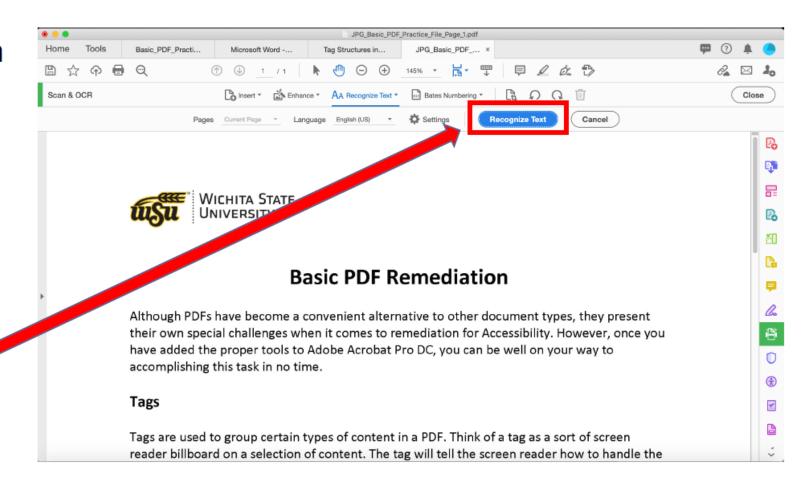


Add a footer



A secondary toolbar with more nuanced options will open. Select the "Recognize Text" button on this toolbar to launch OCR.

Recognize Text

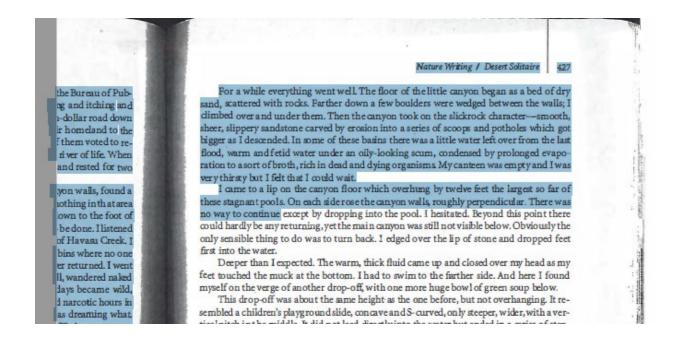






Sample of an Issue

Using View > Read Out Loud > This page:
The text highlighted in blue is what is read. See the cut off page of 426 is read first from top left to bottom.

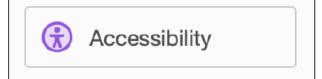


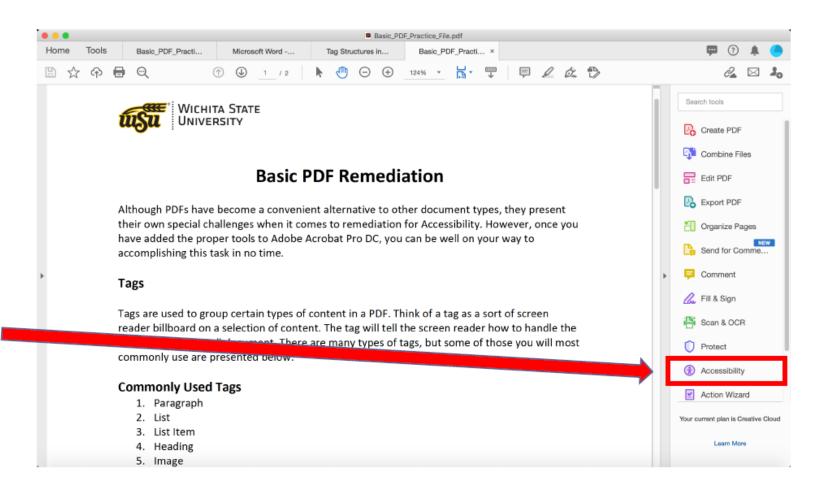


Checking PDF Accessibility - MAC Version

To run an accessibility check on a PDF, we will first have to enter the accessibility toolset

Select the "Accessibility" tab in the right tool pane

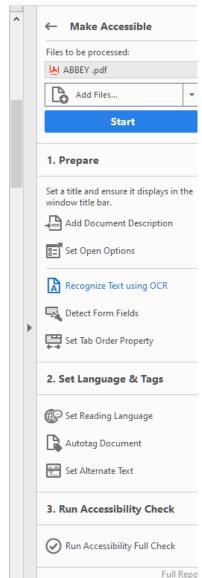


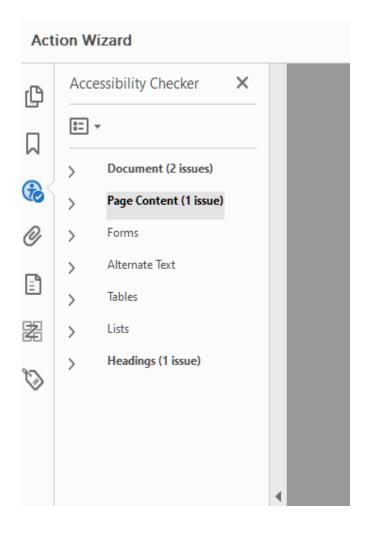




Checking PDF Accessibility - PC Version

- Action Wizard:
- Make Accessible: Hit Start > OK through dialogs.

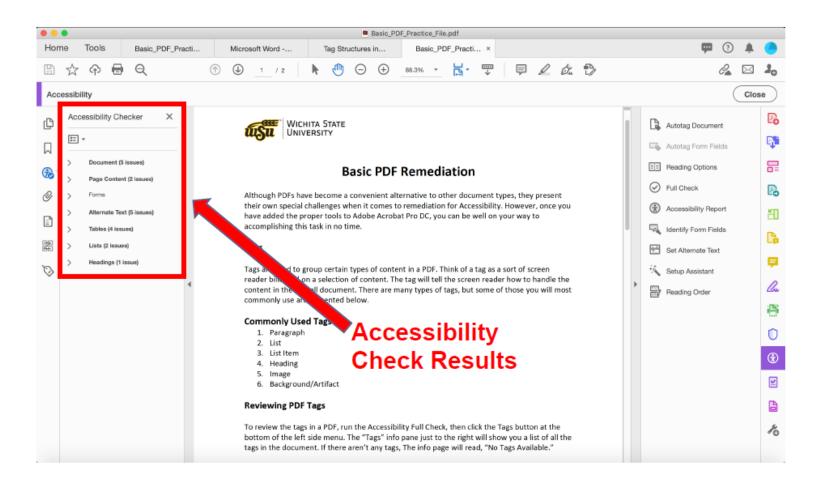






Checking PDF Accessibility

Results of the scan will show in the left pane



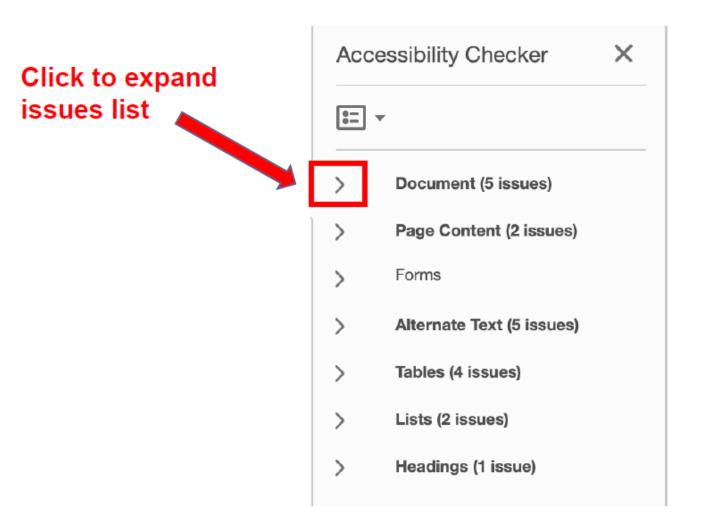


Checking PDF Accessibility

Results can be seen under a series of topic headings – "Document," "Page Content," etc.

If there are accessibility issues, the topic heading will state how many

Click the arrow to the left of each topic to expand the list of issues



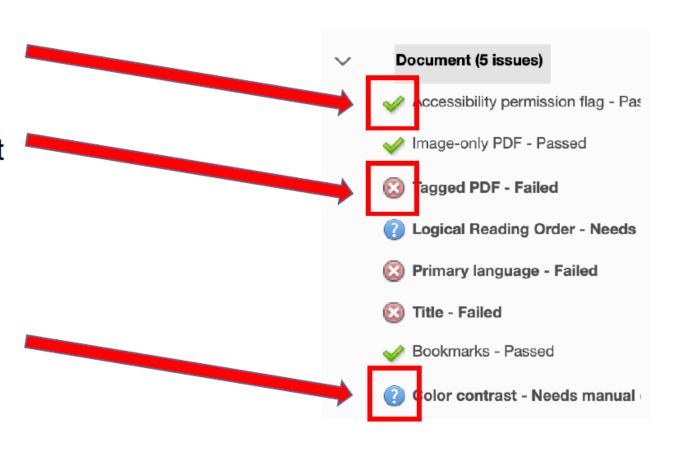


Checking PDF Accessibility

A green checkmark means that the subtopic has cleared the check with no issues

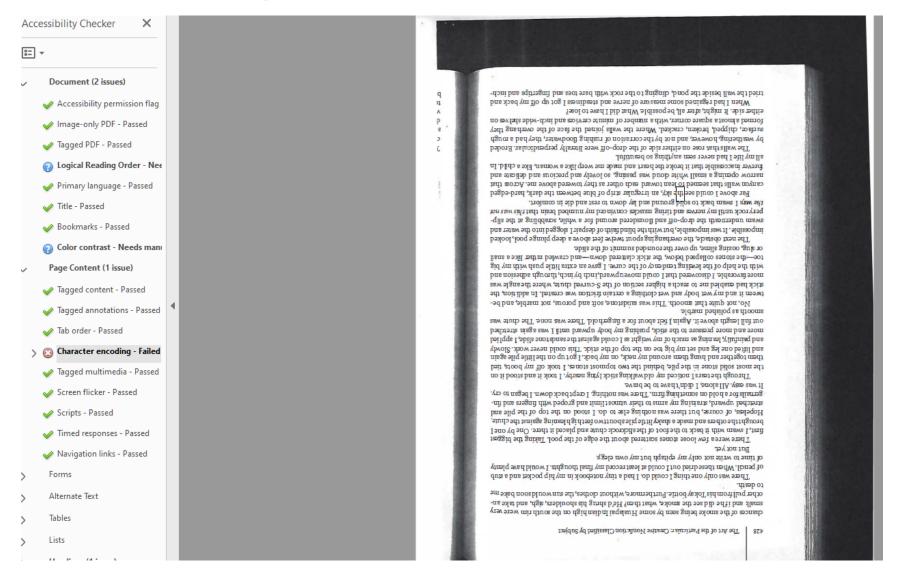
A white X in a red circle means that the subtopic has issues that need to be repaired

A white question mark in a blue circle indicates that the checker cannot determine whether the subtopic passes or not – a person has to do a manual check to make sure the topic is in compliance



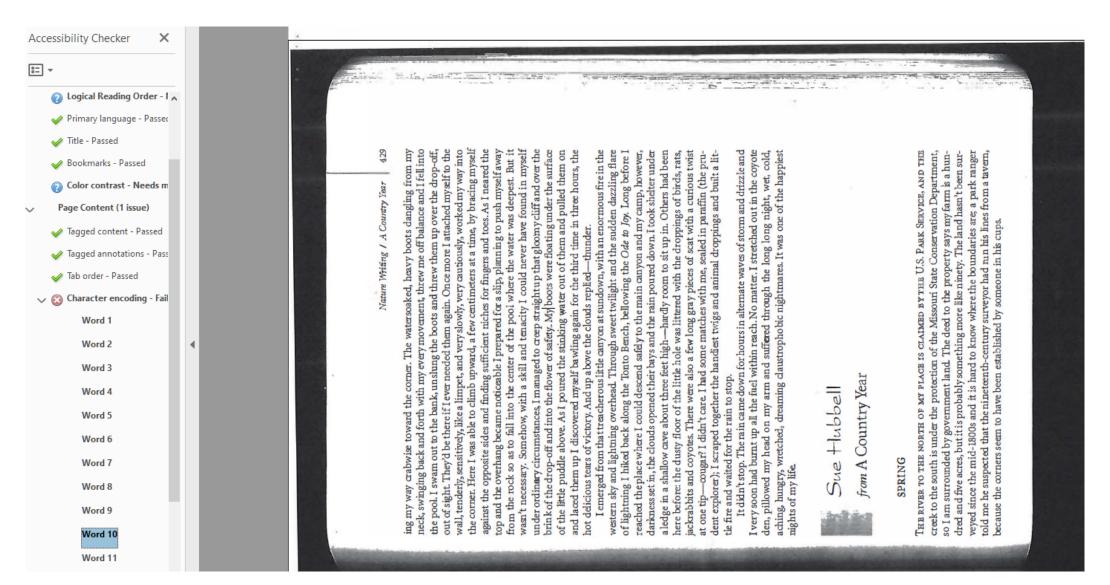


Issue: Character encoding – Failed (Upside down)





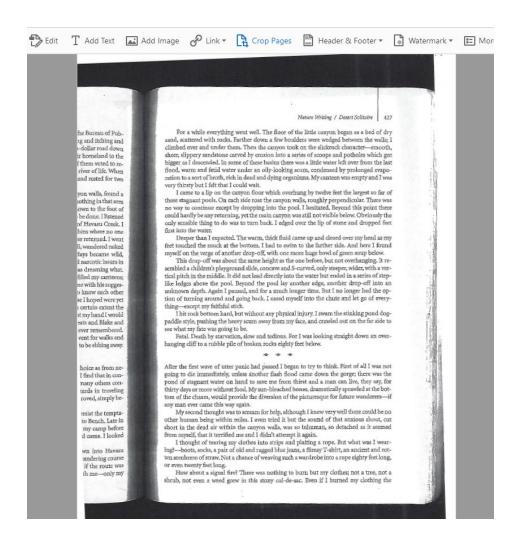
Issue: Character encoding – Failed (side-ways)





Editing:

Crop the page to remove excess black and part of previous page.





Is it over?

- A PDF may pass the checker but still not be accessible
- For example, the system cannot determine if reading order or color contrast is accessible – the document creator(s) and/or editor(s) must check these for themselves
- Do not assume a PDF is accessible even if it says it is always take a look at the tags and reading order to make sure everything is as it should be
- Ask the Disability Resource staff if you are not sure.





Access Grinnell FaceBook Page: On-line instruction and learning

challenges:

Do your eyes hurt from looking at a screen all day?

Stay tuned for tips on how to manage digital eye strain





DIGITAL EYE STRAIN TIPS

Prolonged viewing of a computer screen or other digital device screens can cause eyestrain, dry eye, and eye discomfort.

DEVICE SETTINGS

- ☐ (Windows) Ease of Access
 - · Text Size -try 14pt or 16pt, adjust contrast
- □ (Windows) Personalization
- Background, Colors, ClearType Text Tuner
- ☐ (MAC) System Preferences Accessibility (MAC)
 - · Adjust text size- 14pt if not 16pt.
 - · Brightness of screen- it should match your environment.

PROGRAMS AND APPS

☐ F.lux- Is a free program that monitors your color temperature automatically.

ELECTRONICS

HURTING

YOUR EYES?

- □ <u>Twilight</u> is another app reducing blue light.
- ☐ GLARminY to show you ways to change background color & brightness.
- ☐ Chrome Extension- Dark Mode
- ☐ Read & Write Gold's Screen Masking Windows/MAC/Google Chrome
- ☐ Read & Write Gold's PDF Reader
- ☐ Text-to Speech App for iOS Voice Dream Text-to Speech App for iOS
- ☐ <u>Iris</u>— blue filter and eye protection software

ADDITIONAL IDEAS & TIPS

- 20-20-20 Rule Look away from the screen every 20 minutes, at an object 20 feet away for 20 seconds or more.
- □ Schedule your important screen time.
- Read from a physical book or print out.
- ☐ Try a pair of blue-light filtering specs or digital screen protection glasses.
- Establish non-technology, including TV watching, breaks. (10-minute break every hour.) Stand up, walk and stretch.
- □ Eye Yoga
- Position your computer screen so windows are to the side, instead of in front or behind it or you!
- □ Eliminate exterior light by closing drapes, shades or blinds.
- □ Monitor brightness should match your surrounding workspace brightness.



Access Grinnell FaceBook Page: On-line instruction and learning challenges:



Exercise - get your blood flowing by taking a short exercise break. Try:

- going for a short walk
- doing some jumping jacks
- Yoga with Adriene on Youtube
- Madfit 15 min dance workouts on YouTube (or just dance to a song!)

Do something active with your hands (burn off stress & give your brain a break)

- cook a meal
- fold laundry
- color or draw
- make a friendship bracelet



Prioritize sleep

- realize when you are too tired to be productive
- If it's not due tomorrow, opt for sleep over staying up late
- take (20 min) cat naps



Common treatments for seasonal depression include:

Light therapy (using a lamp)

Opening blinds to let in more sunlight, sitting near a window

Bloodwork to check for deficiencies

Increased time outdoors

Psychiatric medications

Psychotherapy

(Resources provided in the description)