ICTCM 2020
32nd International Conference on Technology in Collegiate Mathematics
VIRTUAL CONFERENCE
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Zoom to Infinity and Beyond with Webcasting
Why Webcasting?

- Increase enrollment
- Reach beyond our physical classroom
- Flexibility for working adults
- Safe options for rural areas with long drive
- We offer synchronous webcast sections that meet at the same time as on-campus section
OneNote Tips (1 of 3)

• When in doubt, **right click or control click** the sections, pages, and notebook names for menu options.

• If you click the **set of 3 books icon (the bookshelf)** on the far left, that will slide the notebook section and page menu out of the way. Click it again to bring it back.

• Use the menu at the top to switch from either typing in a text box (**Home** menu) or to Draw with a tablet or touchscreen pen (**Draw** menu).
OneNote Tips (2 of 3)

• If you want to enlarge or shrink any part of the page, go to the View menu.
• You can customize your own pens and highlighter colors by clicking the + next to the pens and highlighters on the Draw menu.
• If you click a Pen or Highlighter, you can choose the thickness or color.
• Ctrl + Windows key + S will bring up Snip & Sketch on Windows 10 so you can easily add screenshots to OneNote.
OneNote Tips (3 of 3)

• If you want to insert a document, go to the **Insert** menu and **click File**. Then select your file and **add it as a printout**. Now you can Draw on top of it!

• Think of the sections as a way to organize like items. **You can only write on pages contained in those sections**, just as if you had a physical notebook with tab dividers (the sections) and notebook paper (the pages).

• **You can only copy or move sections or pages from one Notebook to another** (right click section or page). You can’t copy entire Notebooks.
Different Versions of OneNote

• If you save you create your OneNote Notebook to the OneDrive (part of Microsoft 365), changes anywhere will be saved to the cloud and available on any device.
• It’s best to use the OneDrive app on your computer for full functionality.
• You can use OneNote from a web browser if needed, or even on your mobile device.
• The Mac version looks slightly different.
OneNote Online in a Browser

- Open in a browser tab.
- Can switch to app at anytime.
OneNote App on iPhone

Notebooks

Sections

Pages
OneNote App on a Mac

A DC-9 aircraft leaves an airport whose bearing is N20°E. After flying for $\frac{3}{4}$ mile, the pilot requests permission to turn 90° and head toward the southeast. The permission is granted. After the airplane flies 1 mile in this direction, what bearing should the control tower use to locate the aircraft?

What is the bearing that the control tower should use to locate the aircraft?

\[ \alpha = \arctan \left( \frac{2}{3} \right) \approx 33.7° \]

\[ \therefore \theta = \arctan \left( \frac{2}{3} \right) \approx 33.7° \]

The bearing will be N83.4°E.

Limited pen options and colors on a Mac vs. PC.
Organization Options

- Section vs Section Group
  - Rename
  - Change Color
- Pages
  - Make Subpage
  - Promote Page
  - Sort
Adding Content Options (1 of 3)

– Home Menu - Text Boxes
  • Just like editing options in Word
  • Pick font and size
  • Bold, Italics, Underline
  • Highlight, Text Color
  • Bullets, Outline, Indenting
Adding Content Options (2 of 3)

- **Insert Menu**
  - Table
  - File vs Printout
    - File allows you to insert any file type: Word file, Excel file, PowerPoint file, or PDF
      - Choose Printout option from pop-up menu after clicking File to automatically get your original file, a PDF, and a Printout you can write on in your page!
    - Printout only allows you to insert a PDF
    - After inserted, right click printout to select Set Picture as Background
  - Pictures, Online Video, Link
  - Symbol or Equation (like Equation Editor)
  - Math (can graph or solve equations)
Adding Content Options (3 of 3)

- **Draw Menu**
  - Full Screen Mode
  - Use tablet with pen or touchscreen computers/tablets
  - Shapes, Ink to Shape, Ink to Text
  - Select Objects and Type Text
  - Draw with Mouse or Touch
  - Insert or Remove Extra Space
Customizing Look of Content

- **View Menu**
  - Zoom
    - Decrease or Increase
    - Full 100%
    - Full Page Width
  - Page Color
  - Paper - Rule Lines, Plain, Graph
  - Replay – shows your drawing/writing in steps
  - Hide Authors – removes initials next to inserted documents
Sharing Content (1 of 2)

- Share
  - Share access to entire Notebook
  - Enter email address
  - Can limit to viewing or allow editing
  - Can’t Send Copy of Page for OneDrive Business
Sharing Content (2 of 2)

- Print
  - Click 3 dots on top right
  - Select Print
  - Can save as PDF
  - Works best if you Insert a document at 100% size or write at 100% size to fit on sheet of paper
Classroom Set Up

Wacom Pen Display on left with 2nd monitor on right showing Zoom Video of Classroom, Logitech Connect Conference Cam for Classroom Microphone and Speaker
Additional Helpful Hardware

**Bluetooth Noise Cancelling Headset**

**Wacom Intuos Pen & Touch Tablet**
Home Office Set Up

• Laptop
  – Touchscreen with Tablet Mode
  – Optional Pen for easy writing

• Monitor
  – Separate camera attached for my video
  – Easy to see student chat and student Zoom videos on separate screen
Thank you!

There are many more features to play around with in OneNote. I think you’ll love it.
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