



Advanced iPhone Photography

WITH DON FREDRIKSEN
 ANOKA HENNEPIN COMMUNITY EDUCATION
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Your Instructor

Don Frederiksen

- Founder & creator of the Senior Tech Club
- Website: www.SeniorTechClub.com
- Email: don@SeniorTechClub.com

Retired from Corporate IT/Computer role

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Upcoming Classes at Anoka Hennepin Community Education

Things You Didn't Know Your iPhone Could IOS 15+

November 10, 2022 6 – 8 PM

iPhone Photography - Find, Organize, Manage, Share and Edit your Photos with the Photos App

January 26, 2023 6 – 8 PM

Exploring Smart Speakers & Virtual Assistants

March 30, 2022 6-8 PM

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Our Learning Tools

- Handout
- Demonstrations & Exploration on our iPhone
 - You will be taking photos
- Slides – Downloadable from class page
- Your Questions
- Online Class Page – Additional Lessons

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Learning Does Not Stop When You Leave the Room

Your online page:

Type into your browser:

- Links.SeniorTechClub.com/AHS12
- (Anoka Hennepin School Class #12)

- Slides for download and viewing
- Continue your Learning with lessons on the SeniorTechClub.com website



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Today's Class Focus

- The iPhone has a Great Camera
- Basic Camera Functions
- Launching the Camera App
- Releasing the Shutter
- Selfies
- Timer
- Burst Photos
- Zoom
- Flash
- Focus & Exposure
- Live Photos
- Modes
 - Night Mode
 - Portrait



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The iPhone puts a Good Camera in your pocket



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For Inspiration:

[Apple Shot on iPhone](#)

iPhone Photography Awards

ippawards.com/gallery



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Typical iPhone Photographer

Actions:

1. Tap Camera icon



2. Tap Shutter



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The iPhone puts a Good Camera in your pocket

Let's Use it to the Max



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The Camera App



Class Plan:

1. Other Methods to Launch the Camera app.
2. Alternative Methods for releasing the shutter
3. A Tour of the Camera App and it's advanced features



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The New Camera App - Hidden Drawer of Controls

Old Controls



Hidden Drawer



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Launch the Camera App

- Tap on Camera App icon
 - Long Press Shortcuts
- Camera from the Lock Screen (Quick Access)
 - Swipe Left
 - Long Press Camera icon on Lock Screen
- Control Center
 - Long press Camera icon
- Siri
 - Take a Photo/Picture
 - Take a Selfie

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Alternative Ways to Release the Shutter



- Volume Buttons
- Apple Watch
- Accessory



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Accessories to Consider

- Tripod
- Tripod Adapter
- Selfie Stick
- Apple Watch



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Alternative Ways to Release the Shutter

Burst Photos

Older iPhone - Press and Hold Shutter

iPhone 11 + Swipe (Shift) Shutter to Left



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View/Select Individual Photos

In the Photos app

- Display the Burst
- Tap Select
- Photos appear in timeline
- Put check mark on photos you wish to keep
- Tap Done to Save. Select option to keep Everything or only checked



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Alternative Ways to Release the Shutter

Timer

- Older iPhone: Tap Timer at Top
- New iPhone :
 1. Tap ^ then
 2. Tap Timer
 3. Chose 3 or 10 secs
 4. Tap Shutter to start timer



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Alternative Ways to Release the Shutter

Quick Take Video (iPhone 11+)

- In Photo mode, Touch & Hold Shutter to take quick video
- Slide Shutter to right for hands-free recording with both Record and Photo button



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Flash



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Zoom

Optical vs Digital Zoom

- Better to zoom with your feet than digital

Digital Zoom – Pinch Screen in or out



Optical

- If your iPhone has more than one lens, tap:
- .5 or 1x or 2 or 3 (varies by model)



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Focus & Exposure



- Tap the Area of Focus
- Slide up & down to adjust exposure (brightness)
- Long Press to Lock (AE/AF Lock) Allows you to move the camera without change.



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Composition - Rule of Thirds



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Rule of Thirds

Learn More:

[Adobe: How to use, and break, the rule of thirds](#)



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iPhone Grid Support



Launch the **Settings** app.
Scroll down and tap **Camera**
Find **Grid** (near the top) and turn it on



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Switch Camera for Selfie



Reminder: Consider Switching Using Long Press on Camera icon



Reminder: Remember you can use volume buttons for shutter



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Live Photos

Photo plus 1.5 seconds of video before and after the picture is taken.

Available on iPhone 6s and later

Live Photo is on by default

Turn on and off in the Camera App



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Play a Live Photo

Press and Hold on the photo inside the Photos App to see the motion



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Live Photo Effects

Display Live Photo

Tap Live to see Effects

- Live – normal
- Loop – repeating loop
- Bounce – repeating forward and backward
- Long – long exposure e.g. Fireworks



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Turn Live Photos Off with Preserve Settings

Preserve Settings Options

1. Open the **Camera** app.
2. Tap the yellow Live Photo icon so it is off (white with a slash through it) This is the setting you want to preserve.
3. Open the **Settings** app.
4. Scroll down to find and tap the **Camera** settings.
5. Tap **Preserve Settings**.
6. Tap the **Live Photo** slider so it is Green. (Green is on)



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Filters



Apply Color Filters for dramatic affects

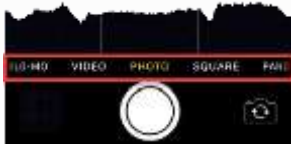
Mono – Black & White

Filters can also be applied in the Photos app after the photo is taken



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Modes



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Video Mode

Shutter Button Turns Red

Tap Shutter to Record

- Shutter turns square
- Tap again to stop

While recording video, tap White Shutter to take photo

QuickTake Video

- Press and hold shutter while in Photo Mode



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Pano

Take Panoramic Photos with Pano Mode



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Taking a Pano



1. Switch to Pano
2. Tap Shutter
3. Move Horizontal
4. Tap Shutter to End



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Slow Motion Video

Slo-mo Mode

Video Records as normal

Slow-motion when you play it back



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Slo-mo in Three steps

1. Choose Slo-Mo
2. Record by tapping the shutter or other
3. Playback
 - Tap Thumbnail
 - Access from Photos



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Slo-Mo Summary

Choose Slow-Mo

Record like regular Video

Playback for Slow-motion effect

Get Creative



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Time Lapse Video

Create a time-lapse video of a lengthy experience

Example: 3 minute time lapse video of US Bank Stadium Construction (32 months of construction)

[YouTube Link](#)



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Time-Laps in Five Steps

1. Choose Time Lapse
2. Prop iPhone in position or use a tripod
3. Press Shutter like with Video
 1. Capture the Experience
4. Press Shutter to End
5. Playback (Thumbnail or in Photos app)



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Time-Lapse Summary

You want to record an experience

- Construction
- Traffic
- Cooking
- House Project
- Be Creative

Choose Time-Lapse

Record like Video

Have fun with playback



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Portrait Mode

Provides Two Photo Effects

1. Depth-of-Field effect
2. Lighting Effects



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Which iPhones have Portrait?

iPhone 7 Plus

iPhone 8 Plus

iPhone SE (2nd & 3rd Generation)

iPhone X (All)

iPhone 11 - 14 (All)



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1 - Depth of Field Effect

Apple Defines this as a "Background Blur"


Bokeh Effect



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Depth Control in Four Steps

1. Choose Portrait Mode
2. Tap Depth Control Icon 
3. Drag the Depth Control Slider to adjust
4. Tap the Shutter



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Depth Control in Four Steps



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Portrait Depth Control

Shallow Depth of Field - $f 1.4$

- Small area of Focus
- More Blur in Background

Deep Depth of Field - $f 16$

- Larger area in Focus
- Background is more sharp and in focus



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Portrait Lighting

Studio-Quality Lighting Effects



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Portrait Lighting in Three Steps

1. Choose Portrait Mode
2. Follow onscreen tips for framing
3. Tap & Drag the Portrait Lighting Slider to adjust
4. Tap the Shutter



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Portrait Lighting in Three Steps



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Best Feature about Portrait Mode

Tweak and even remove effects in the Photos App

Select Photo

Tap Edit



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Night Mode

Capture more detail in low-light situations

Only available on iPhone 11 +

Adjust exposure time as long as 10 seconds


Hold Steady or use a tripod



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Night Mode in Four Steps

1. Photo Mode
2. Night Mode Indicator Upper Left
3. Tap to turn off
4. Tap 
5. Drag Night Mode Slider to set exposure time



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Follow-up Questions?
don@SeniorTechClub.com

More Information & Download
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Thank You!

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