iPhone & iPad Essentials

Bob Newcomb

January 16, 23: “The Basics”
January 30: “WiFi, Carrier Networks & Syncing & Backups”
February 6: “Phone Calls”
February 13: “Email & Texting”
February 20: “Surfing the Web”

What will these devices do?

Email
Take Pictures
Play music and videos

Keep and address book
Display maps and
give directions

Keep a calendar
Read books and

Messaging
magazines

Browsing the Internet
Many other things

Games

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Games
I digress

“The slowdown” controversy

Security flaws

Meltdown

Spectre

Everything is done by running an app

2 Types of Apps

Built in apps from Apple

Purchased Apps (both free and for a fee)

Built in Apps

Activity
Calculator
Calendar
Camera
Compass
Contacts
Facetime
Find Friends
Find iPhone
Game Center

Health
iBooks
iCloud Drive
Mail
Maps
Messages
Music
Notes
News
Photos

Podcasts
Reminders
Safari
Stocks
Stores
App Store
iTunes Store
Tips
TV (formerly Video)
Voice Memos
Wallet
Weather

Purchased Apps

Millions of them

“There is an app for that!”
Operating system

iOS

- Controls everything the device will do
- Updated yearly
- Currently is iOS 11 (11.2.2)

To get the best use out of the device, you must know a little about iOS

Operating system

iOS is the same for both the iPad and the iPhone

Well, almost

The difference between them is the hardware in each device (in iOS 11 there are iPad only features)

- iPhones have WiFi and carrier network (data and phone) and GPS
- iPad all have WiFi but some have carrier network (data only) and GPS capability

WiFi

- Short range - up to 300ft
- 2 types
  - Secured
  - Unsecured
Secure WiFi

Requires a password
encrypted
look for the padlock in ➔Settings➔WiFi:
Safe to use for sensitive information

Unsecured WiFi

ie: Starbuck or Hotels
no lock symbol in ➔Settings➔WiFi:
open transmissions and receipts so they can be viewed by others

Unsecured WiFi

Use with caution
http:// - beware
https:// - safe as long as it doesn’t go back to http://
When in doubt, don’t!!!!!

CSUF networks

eduroam

Secured with high encryption
requires a CSUF account & password
To get an account you need a CWID and Pin #
Re: CSUF accounts

Has always been mandatory for CSUF students, faculty and staff

Now mandatory for OLLI members

Benefits
  Secured WiFi access at many Universities and Museums
  csu.fullerton.edu email address can get software discounts
  lynda.com tutorials

CSUF networks

CSUF-GUESTz
  unsecured
  does need a password which you can receive via email or by text
  good for 3 hours at a time

Carrier Networks

Paid access from Carriers such as:
  ATT
  Verizon
  T-Mobile
  Sprint
  etc.

Carrier Networks

Radio waves with a range of 1 to 5 miles
  Used for data
    paid for by monthly data transfers in Giga Bytes
  Roaming rights
    Domestic
    International
  Speeds
    LTE, 4G, 3G, E
Data Plans

Rates are based upon how much data is available

- Unlimited (watch restrictions)
- # Gigabyte limits

Family and individual plans
Many carriers and vendors

Phone plans

A separate type of connection with its own billing plans

- rates are based upon the minutes of phone calls and the number of text messages per month

- Individuals and family plans are available for both phone and data plans

Lynda.com

Many tutorials including iPhone/iPad

- iOS 11: iPad & iPhone Essential Training

Buttons and Physical stuff

- Sleep/Awake button (iPhone X “side button”)
- Volume buttons
- Mute or Orientation (iPad option) switch
- Speakers
- Microphones
- Camera & flash
- Lightning connector
- Headphone jack (except on iPhone 6s and earlier)
- Home button (except iPhone X)
Buttons and Physical stuff

Explanations below are not for the iPhone X

MacWorld article on iPhone 10 gestures


Sleep, awake and shutdown

Wake it up

- click home button or press sleep/awake button

Lock it

Shutdown

When to let it nap

→ Settings → Display & Brightness → Autolock

Finger Gestures

Tap
Tap & Hold
Drag
Flick
Hard Press (only newer iPhones)
Pinch in/out
Double tap

Basic Security

Passcode

→ Settings → Touch ID & Passcode → Turn Passcode On (Off)

→ Settings → Touch ID & Passcode → Require Passcode
Basic Security

• Touch ID
  ➔ Settings ➔ Touch ID & Passcode ➔ Add a Fingerprint
  Set up a fingerprint
  label it

Sounds
You can adjust the sounds for many actions
  ➔ Settings ➔ Sounds
  Ringtones
  Other actions

Control Center

↑ from below the screen

Top Section
  Airplane mode
  WiFi (turns on/off local WiFi connection)
  Bluetooth (turns on/off local Bluetooth connection)
  Orientation lock
  Do not Disturb
  Mute (iPad)
  Brightness
  Volume

Control Center

↑ from below the screen

Music Section (top right)
  Play
  Reverse
  Fast Forward

Hard press (or long press) to get more controls including
  Volume
  Redirect sound
Control Center

ู่ from below the screen

Screen Mirroring (AirPlay Section)

Stream audio, video

Notifications

ջ from above screen

Today (Widgets)

Finger swipe to the right

Select from Edit at the bottom of the screen

Notifications

Selected apps can send a notification based on you selection at Settings⇒Notifications
Home Screen

As many screens as you need
Navigate by flicking or dragging
Move icons by tap and hold until icons shake
  Then drag icon to place or screen you want
Delete icons by pressing the x (can hide but not delete Apples built in apps)
End the edit by pressing the Home Button

Create a folder

Tap and hold an icon until the icons shake
Drag the icon on top of another icon
When it create the gray folder you may change the suggested name it has created
Icons can be dragged in and out of folder that are already created

Typing

Virtual keyboards
Changes based on what you are going to type
Text Replacement (Shortcuts) to make typing faster
  ➜Settings ➜General ➜Keyboard ➜Text Replacement

Typing

Can change keyboards for many languages
  ➜Settings ➜General ➜Keyboard ➜Keyboards ➜Add New Keyboard...
Typing

Skills to know
- The character is selected when you let go of a key
- Copy & paste
- Shake to undo
- What is underneath some keys
- Hold & slide numeric/alpha key

Alternatives to Typing

- Siri
- Audio input
- Bluetooth and wireless keyboards
- Magnetically connected keyboards
  - iPad Pro only at this point

You can

- Wake up, put to sleep, shutdown and restart
- Home screen, personalization, folders and deleting apps
- Passcode and Touch ID
- Control Center

Your Apple ID
Software Updates

Tips

- Auto lock timing adjustments
- Turn off Control Center Access on Lock Screen
- Correct Siri’s pronunciation of names