

# iPhone & iPad Essentials

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1

# iPhone & iPad Essentials

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”

2

# iPhone & iPad Essentials

February 27: “Playing Music, Video & Podcasts”

March 6: “Taking photos & videos”

March 13: **No Class**

March 20: “Maps, calendars and reminders”

April 3: “Buying Apps”

April 10: “Security, Siri & Troubleshooting”

3

# What will these devices do?

Email

Keep and  
address book

Keep a calendar

Messaging

Browsing the  
Internet

Games

Take Pictures

Play music and videos

Display maps and  
give directions

Read books and  
magazines

Many other things

4

# I digress

“The slowdown” controversy

Security flaws

Meltdown

Spectre

5

# Everything is done by running an app

2 Types of Apps

Built in apps from Apple

Purchased Apps (both free and for a fee)

6

# 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

7

# Purchased Apps

Millions of them

“There is an app for that!”

8

OK!  
Here we go.....

9

## 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

10

## 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

11

## WiFi

Short range - up to 300ft

2 types

Secured

Unsecured

12

## Secure WiFi

Requires a password

encrypted

look for the padlock in →Settings→WiFi:

Safe to use for sensitive information

13

## Unsecured WiFi

ie: Starbuck or Hotels

no lock symbol in →Settings→WiFi:

open transmissions and receipts so they can be viewed by others

14

## Unsecured WiFi

Use with caution

http:// - beware

https:// - safe as long as it doesn't go back to http://

When in doubt, don't!!!!!!

15

## CSUF networks

eduroam

Secured with high encryption

requires a CSUF account & password

To get an account you need a CWID and Pin #

16

# 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](http://lynda.com) tutorials

17

# 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

18

# Carrier Networks

Paid access from Carriers such as:

ATT

Verizon

T-Mobile

Sprint

etc.

19

# 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

20

## Data Plans

Rates are based upon how much data is available

Unlimited (watch restrictions)

# Gigabyte limits

Family and individual plans

Many carriers and vendors

21

## 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

22

## lynda.com

Many tutorials including iPhone/iPad

iOS 11: iPad & iPhone Essential Training

23

## 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)

24

## Buttons and Physical stuff

Explanations below are not for the iPhone X

MacWorld article on iPhone 10 gestures

<https://www.macworld.com/article/3235724/iphone-ipad/iphone-x-touch-gestures-and-commands.html>

25

## 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

26

## Finger Gestures

Tap

Tap & Hold

Drag

Flick

Hard Press (only newer iPhones)

Pinch in/out

Double tap

27

## Basic Security

Passcode

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

→Settings→Touch ID & Passcode→Require  
Passcode

28

# Basic Security

Touch ID

→Settings→Touch ID & Passcode→Add a Fingerprint

Set up a fingerprint

label it

29

# Sounds

You can adjust the sounds for many actions

→Settings→Sounds

Ringtones

Other actions

30

# 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

31

# 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

32



# Control Center

↑ from below the screen

Screen Mirroring (AirPlay Section)

Stream audio, video

33

# Control Center

↑ from below the screen

Go to Apps (customizable in **Settings→Control Center**)

Flashlight (not on iPads without camera flash)

Timer (clock)

Night Mode

Calculator (iPhone only)

Camera

etc.

To close tap anywhere outside Control Center or slide down on arrow

34

# Notifications

↓ from above screen

Today (Widgets)

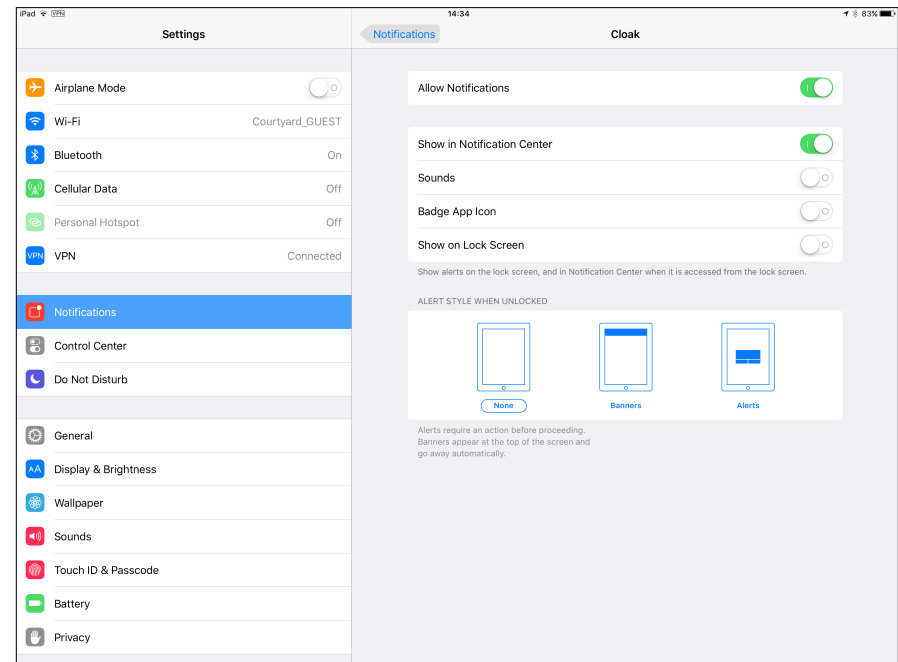
Finger swipe to the right

Select from Edit at the bottom of the screen

Notifications

Selected apps can send a notification based on you selection at **Settings→Notifications**

35



36

# 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 on 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

37

# 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

38

# Typing

Virtual keyboards

Changes based on what you are going to type

Text Replacement (Shortcuts) to make typing faster

→Settings→General→Keyboard→Text Replacement

39

# Typing

Can change keyboards for many languages

→Settings→General→Keyboard  
→Keyboards→Add New Keyboard...

40

# 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

41

# Alternatives to Typing

Siri

Audio input

Bluetooth and wireless keyboards

Magnetically connected keyboards

iPad Pro only at this point

42

# You can

Wake up, put to sleep, shutdown and restart

Home screen, personalization, folders and deleting apps

Passcode and Touch ID

Control Center

43

# Your Apple ID

44

# Software Updates

45

# Tips

Auto lock timing adjustments

Turn off Control Center Access on Lock Screen

Correct Siri's pronunciation of names

46