



# — TECHNOLOGY UPDATE —



# March 2021



## Upcoming Technology Events

Date	Event	Time	Location
Mar 29	Effective Online Teaching Practices	8:00am	<a href="#">Website</a>
Mar 31	Section 508/ Accessible Design	11:00am	<a href="#">Zoom</a>

## March IT Birthdays

**Jack Garbett - Mar 3**  
**Chad Estrella - Mar 28**

*If you see them on their special day, please wish them a Happy Birthday!*

## One Login to Access Them All!

By Be Phan

With the addition of Zoom and Canvas back in December and the most recent addition of Student Email, My Canyons (WebAdvisor) and Self-Service, we have made **CanyonsID** the one-stop shop for signing in to the majority of our systems. Here is a list of all the systems that are currently on **CanyonsID**:

Adobe Creative Cloud	eLumen	Office 365/OWA
Barnes and Noble	Frontline	PebblePad
OU Campus	Intranet	PhotoShelter
Canvas	Library System	Self-Service
Canyons M	Library Databases	Starfish
Colleague Web UI	My Canyons	Zoom

Yes, it is OK to put away the notebook with all your old College of the Canyons usernames and passwords for the various systems. You don't need to dig for those any more. Look for more systems to be added in the future.

To get help with **CanyonsID** for both students and staff, please go here:  
<https://www.canyons.edu/canyonsid>

If you need to contact Computer Support, we can be reached by phone: (661) 362-3953, by email: [helpdesk@canyons.edu](mailto:helpdesk@canyons.edu), or by Zoom: <https://intranet.canyons.edu/departments/it/>.

# WINDOWS on an APPLE Computer? Madness I Say!

By Justin Smith

How can I run this *WINDOWS ONLY* software on my Mac? There are *four schools of thought* that typically evolve when entertaining the **Windows on Apple** hardware conversation.

1. **Oh no you di'n't:** Apple and Windows purists refuse to entertain the fact that the Windows operating system can run on an Apple computer; and vice versa. Please know, that these purists will never hear you when you tell them **it's possible** :)
2. **Native:** Apple has provided a solution called Boot-Camp to run the Windows operating system on an Apple computer. It's by no means "easy" to set up, but it is possible to partition your hard drive, install Windows, then dual-boot into a Windows OS on an Apple computer. *This option is typically used when full hardware capability is necessary; EG: graphics card and CPU utilization. To use your Apple OS, you will need to restart your computer and boot from your existing Apple partition by holding the OPTION button while your computer is turning on.*
3. **Kumbaya:** Virtual Machines allow you to "double dip," if you will. Installing a virtual machine (aka VM) entails first installing the application that enables use of a VM. The market leader is "Parallels,"

and has been since they enabled the emulation of the Windows file system in 1999. I recommend this option for what I call "Windows light" use. You don't need full hardware resources and you only need to "run" a Windows-only program intermittently. *You can also buy it with an education discount for \$40, instead of \$79.* This option boots a Windows virtual machine inside your host OS (Apple OS) and runs at the same time. This option also takes more system resources to run "parallel" on your host OS. *You are running two operating systems at once, or more.*

4. **Remote:** Microsoft Remote-Desktop-Protocol (RDP) allows you to connect to an existing Windows computer. If you have a Windows computer kicking around, you can enable RDP on it, install "Microsoft-Remote-Desktop for Mac" on your Apple computer, and connect to that existing Windows machine to utilize it (from your Mac).

To summarize, there is no right answer. Pick the method that best works for you, and ultimately answer the age-old question, "How can I run this *WINDOWS ONLY* software on my Mac?"

Want **more technical advice** to actually put one of these options into action? Please email me.





# 5 “GREEN” CONSUMER TECH COMPANIES

[See the full article from Forbes by Blake Morgan “10 Most Sustainable Consumer Tech Companies”](#)

Technology is constantly improving, which means consumers regularly upgrade their computers, phones, tablets and other devices. But every device that is thrown away contributes to a larger problem.

In 2016, 49 million tons of electronics waste was thrown away around the world – roughly the equivalent of 4,500 Eiffel Towers. By 2021, experts estimate that number will grow to more than 57 million tons. In the U.S. alone, consumers get rid of millions of pounds of electronics every year, but only 20% of that is properly recycled – the rest ends up clogging landfills and leading to large amounts of toxic chemicals and waste.

To offset the massive amount of waste, many consumer tech companies are working to become more sustainable, both internally and in their consumer-facing products. The impact of these efforts could substantially lessen the amount of electronics in landfills and the overall footprint of the tech industry.

These consumer tech companies, large and small, demonstrate the value of focusing on green initiatives and sustainability.

## 1. Apple

All of the tech giant’s operations run on fully renewable energy, and everything about its products, from the materials to packaging, is designed to have minimal environmental impact. The assembly sites for Apple’s products are certified Zero Waste to Landfill, and it has decreased average product energy use by 70% in the last 10 years. Apple and its suppliers worked together to reduce greenhouse gas emissions by more than 466,000 metric tons, which is equal to 100,000 cars being off the road for one year.

## 2. HP

HP is ahead of its own curve for sustainability. The company reached its goal of 100% zero deforestation with HP-branded paper two years before its tar-

get. In recent years, HP reduced its carbon footprint by one-third and ensured 30% of plastic in its printers is repurposed from other items. HP’s next goal is to increase the recycled content of plastics across its print and personal systems portfolio to 30% by 2025.

## 3. Fairphone

Fairphone is dedicated to creating smartphones that are sustainable and high-quality. It regularly receives top marks from environmental groups for its clean supply chains and sustainable materials. Fairphone uses a modular design so that its hardware lasts as long as possible and can be upgraded through new software instead of making customers buy a completely new phone. Customers can map the journey of their smartphone and see the exact suppliers for each part, as well as recycle old devices for a credit on new Fairphones.

## 4. Microsoft

Microsoft’s sustainability efforts extend to its internal processes and external products. By 2023, 70% of Microsoft’s massive data centers will run on renewable energy. As a whole, the company is working to be carbon negative by 2030 and remove its historical carbon emissions by 2050. Microsoft charges an internal carbon fee of \$15 per metric ton of carbon emissions to encourage its departments to be as sustainable as possible. That money is invested in other eco-friendly initiatives to offset the emissions. In its products, Microsoft sources responsible materials and uses recycled and reused materials as much as possible.

## 5. Samsung

In 2019, Samsung made the switch to recycled and sustainably sourced packaging, and it is moving away from disposable materials in its manufacturing and packaging efforts. It has a goal to recycle 7.5 billion pounds of electronics waste by 2030. Samsung is on track to use 100% renewable energy in the U.S. by the end of 2020. Samsung is also committed to a wide range of global social initiatives, including protecting the ecosystem and taking urgent action against climate change.

# Green Tech - Literally

By Genevieve McDonald

Is St. Patrick's Day your favorite holiday? I know what you're thinking... no, not because we love an excuse to drink (off the clock), but because you **LOVE** the color green! I know you already have your green-getup ready to go, but why not bring the spirit into all your tech devices too!

Here is a quick list of tech available now in your favorite color – that's right, "GREEN!!!"

## Apple

- [iPhone 11](#)
- [iPhone 11 Pro / Pro Max](#)
- [iPhone 12](#)
- [Apple Watch Series 6](#)
- [AirPods Max](#)

## Google

- [Google Pixel 5](#)
- [Pixel Buds](#)
- [Nest Audio](#)

## Samsung

- [Galaxy S20 FE](#)
- [Galaxy Note20](#)
- [Galaxy Watch Active](#)



Protecting the health of students and employees remains our top priority, so during remote operations, Computer Support directs anyone seeking support to utilize one of the three communications methods listed below.

*\*Regular hours of support during this time are Monday-Friday 8:00am - 5:00pm*

Send us an email:  
[helpdesk@canyons.edu](mailto:helpdesk@canyons.edu)

Call & leave a message:  
(661) 362-3953

Connect with us via Zoom:  
<https://intranet.canyons.edu/departments/it/>