

# Willow Valley Computer Club

July 2022 | Newsletter | Volume 23, Issue 4

Programs are at 2:00 pm the first Thursday of the month (except July-August) in the Cultural Center unless otherwise noted.

## Inside this issue:(Click link below)

[Discovery:Privacy and Anonymity](#)  
[What's Happening](#)  
[Action/Warnings](#)  
[Scams and Hacks](#)  
[Technical Info](#)  
[Microsoft & Windows](#)  
[Apple Info](#)  
[Equipment Recycling](#)  
[TiVo](#)  
[Renaissance Fall 2022 Classes](#)  
[Contact Us](#)

## Computer Club Leadership

- President: Al Williams
- Vice President: Susan Culbertson
- Secretary: Gary Staton
- Treasurer: Lee Wermuth
- Previous President: Sid Paskowitz

## Committee Chairpersons

- Program: Susan Culbertson
- Training: Chuck Smith
- Equipment: Cathy Thorn
- Technical Support: Tony Poulos
- Website: Sid Paskowitz
- Publicity: Ann Willets
- Newsletter: Susan Culbertson
- Apple SIG: Dick Beidleman
- North Computer Lab: Lee Wermuth

## Community Representatives

- Manor North: Charlie Trumbo
- Lakes Manor: Bruce Mawson
- Smart Life: Al Fulvio
- Garden Apartments: Al Williams
- Spring Run: Bob Scala

## President's Pen *by Al Williams*

The Willow Valley Computer Club provides education and recommendations for members. We provide presentations of general interest, courses for specific topics, time-critical alerts, and this newsletter.

The newsletter is issued every other month which makes the newsletter ideally suited for articles that readers may want to read and consider. Starting with this issue, to ensure that members have ample opportunity to read articles of interest, articles will be presented for three issues and then retired.

This issue also introduces the first Discovery article. The Discovery articles will introduce readers to topics - the first of which is Privacy and Anonymity.

We've made some other changes as well. We hope that you like them.

If you would like to present, teach or be involved in some other way with the Computer Club, please let me know. Thank you.

*Al Williams*



We have developed a program for residents to **Get Help** with a wide range of technical issues. Issues range from what to do if you can't get connected to the Internet, to how to get help from another resident if you need to install an answering machine.

Access to the **GET HELP** display is in Information Central at:

<https://resident.willowvalley.org/cclub/gethelp.aspx>

If you could help other residents with their problems in the **Get Help** listed categories, please send an email to:

[wvcomputerclub@gmail.com](mailto:wvcomputerclub@gmail.com)

Include your information to be listed as well as the names of the categories where you are able to help others.

If you only want to help others in just your community or building, that limitation can be included in the Notes column.

# Discovery

## Privacy and Anonymity

*Discovery articles are written by Al Williams and are for those slightly familiar with the topic.*

We issued *Security Recommendations* in February of 2021 which identified software and hardware to help you protect your information. The *Recommendations* included modems, routers, password managers, anti-malware software, backup software, and much more. We also provided related training and gave presentations about security because security is a necessary foundation.

You need more than security to protect your personal data; you need privacy. You may also need more than security to protect your free speech. You may need anonymity.

You can achieve degrees of privacy or anonymity through the careful selection and use of hardware and software. We will provide recommendations in future *Discovery* articles to help you achieve the degree that you want. However, since you have to decide if it is worth your time or effort to have privacy or anonymity, the remainder of this article discusses why privacy or anonymity may be important to you.

### *But I Have Nothing to Hide!*

A person who says they have nothing to hide usually means they aren't doing anything wrong. They don't need privacy or anonymity. However, would they be willing to publish their credit card details on the Internet for anyone to use? Would they be willing to speak out if what they had to say would result in verbal or physical attacks or loss of job? Everyone needs privacy and anonymity to some extent.

### *What Are Privacy, Anonymity and Security?*

Privacy and anonymity are concepts that appear to overlap. The apparent overlap frequently causes confusion when they are discussed. The *Privacy Decrypted #4: Understanding anonymity vs. privacy* article on the Proton blog at <https://proton.me> gives more detail.

You have privacy when:

*What you are saying to others cannot be read or overheard by observers,  
but the observers know who you are.*

You have anonymity when:

*What you are saying to others can be read or overheard by observers,  
but the observers do not know who you are.*

You have privacy and anonymity when:

*What you are saying to others cannot be read or overheard by observers,  
and the observers do not know who you are.*

Privacy and anonymity rely on security. You have security when:

*The precautions you use keep you safe.*

The security precautions you use will keep you safe only if they match your privacy or anonymity needs.

## Discovery: Privacy and Anonymity *(cont'd)*

### *Privacy*

Your personal data is valuable. The Federal Trade Commission's *2021 Consumer Sentinel Network Data Book* states that 2.8 million people reported loss due to identity theft and fraud in 2021. The loss totaled over \$5.8 billion with an average loss of \$2,000 per person. The Commission also stated that 41% of the reports were filed by people aged 20-29 and 18% of the reports were filed by people aged 70-79. However, people aged 70 and older reported much higher losses.

In addition, advertisers, Internet Service Providers, data brokers, software developers, retailers, service providers, email providers, websites, law enforcement organizations, State agencies, Federal agencies, foreign governments, criminals, credit reporting organizations and more want to know as much about you as possible.

Your personal data is valuable because it may be used to make money, take your money, or to control or manipulate you.

Privacy is about protecting your personal data. Your personal data is any and all information about you that describes or identifies you.

Part of your personal data is your personally identifiable information, which is known as PII. PII refers to any information that distinguishes your identity or can be linked to you.

Distinguishable information includes:

- Name, Social Security number, passport number, driver's license number, and taxpayer identification number
- Home address and email address
- Cell phone number
- Health information
- Financial records
- Photographs that identify you
- DNA
- Biometric data including fingerprints, retina scans, voice signatures, or facial geometry

Linkable information includes:

- Date of birth
- Place of birth
- Mother's maiden name
- IP addresses
- Home phone number
- Race
- Religion
- Education achievement information
- Identification numbers for objects you own such as your car's Vehicle Identification Number
- Trade associations
- Professional associations
- Hobby associations

## Discovery: Privacy and Anonymity *(cont'd)*

The blog entry titled *Privacy Decrypted #7: What is PII?* at <https://proton.me>, explores personal data and personal identity information in more depth.

### *Privacy and Power*

Your personal information may also be used to manipulate or control you. Privacy is also about asserting power over your personal information so that it can't be used to do so. Daniel Solove gives *10 Reasons Why Privacy Matters* in his *Privacy + Security Blog* at <https://teachprivacy.com>.

- Privacy limits government power as well as the power of private sector companies
- Privacy is about respecting individuals
- Privacy enables people to manage their reputations
- Privacy helps people manage social boundaries
- Privacy helps us ensure we have relationships of trust
- Privacy helps us ensure our freedom – autonomy and control over our lives
- Privacy is key to freedom of thought and speech
- Privacy protects our ability to associate with other people and engage in political or religious activities
- Privacy gives us the ability to change and have second chances
- Privacy means we don't have to explain or justify ourselves if judged from afar

### *Anonymity*

You may wish to exercise your right to free speech and not want others to know who you are. You may want to separate your life as an employee from your personal life. You may want to search for medical information but don't want that search to be associated with you. These situations call for anonymity.

### *Why Should I Bother? My Personal Information Is Already Out There*

This is all very interesting but why should I bother? My personal information is here and there on the Internet.

It matters because your personal information is constantly changing. The older information becomes useless to those who want to know everything about you. Some examples of changing personal information are:

- You move to another state. You have a new address, a new drivers license number, and a new home phone number
- You change your cell phone carrier and have a new cell phone number
- You change your bank or investment firm
- Your medical information changes

### *How Do I Put Privacy and Anonymity into Practice?*

Future *Discovery* articles will describe tools that support privacy and anonymity. These articles are for those who slightly familiar with the topic. In the meantime you may wish to read the February 2021 *Security Recommendations* which recommends tools but is not written at an introductory level. If you would like a copy, contact Al Williams at [atwilliams136@gmail.com](mailto:atwilliams136@gmail.com).

# What's Happening

## Windows Updates

In the past we have suggested waiting for a week or so after Microsoft released a new Windows update. My recent experience has been that problems Residents are having with printing or other computer functions have been resolved by being proactive with Windows updates, including all optional updates. Even though an initial check for updates displays a message saying Windows is up to date, I have found that not to be the case. Not all updates are automatically installed and some won't install until the computer is restarted. My personal recommendation is to repeat checking for updates, including optional updates and restarts, until the computer confirms all the updates have been downloaded and installed. You might also want to click on [this link to PC Housekeeping in Information Central](#). ~Sid

## Fall 2022 Renaissance Computer Classes.

Please check page 16 of this newsletter for more information.

## Computer Device Support

### #1 Try to get your own answers

We are often asked questions that can be quickly answered without needing to ask another person. If you know the key words in posing questions to another person, you probably know enough to use those words in a search engine where you could get the answer as a text display you can select and print, or a YouTube video you can watch.

### #2 Personal Help with Computer/Device

We have developed a program for Residents to **Get Help** with a wide range of daily issues, including computers and mobile devices. See page 1.

**#3** Computer club support volunteers may come to your residence or may use **TeamViewer** or **Zoom**.

The Computer Club uses Zoom for video conferencing **but recommends against discussing private or personal information on it.**

## Short Announcements/Alerts/Warnings

- Use Two-Factor Authentication (2FA) and Multiple Factor Authentication (MFA) when available.
- Have at least two browsers on your taskbar. Where one may not work with a specific website, another one will.
- Check Information Central for the most current information on Windows 11, including instructions for how to install.
- Microsoft will support Windows 10 through October 14, 2025.
- Update all software.
- While the Windows operating system is updating (usually on Tuesdays), your computer may be sluggish. Be patient!
- Information Central now includes links to videos from Computer Club meeting programs and classes.

## Recommended Software

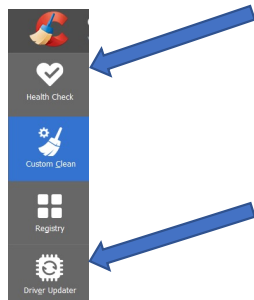
PC owners are reminded they will receive the best help if they use software that is familiar to other resident volunteers who provide technical assistance.

Recommended applications are **CCleaner, Malwarebytes, Defraggler** and **Windows Defender** (or **Windows Security Essentials**). We recognize there are alternatives; however, problems are more quickly diagnosed and repaired when the applications running on the PC are familiar to the helper.

Please use the Club's preferred Firefox, and limit using Internet Explorer, Edge or Chrome.

## Action

**CCleaner Issues.** Some updates to CCleaner include **checked** boxes that allow the CCleaner update to install *Avast* or the CCleaner browser. Uncheck those boxes. We have found the *Avast* software to be a memory hog and a program that interferes with protections that Windows provides. Use CCleaner >Tools to uninstall Avast if Avast has been installed. We have limited experience or knowledge about CCleaner browser and, at this time, we are not recommending installing it.



**The current version of CCleaner Free has two features options, Health Check and Driver Updater, that appear to be sales tools for the paid version of CCleaner rather than the basic CCleaner Free features. I don't use them.**

## Warnings

**Exercise caution** when **using Google or another search engine to locate customer service phone numbers of product manufacturers or businesses.** The Better Business Bureau recommends using the contact information from a product's equipment manual, or directly from the company's website after double-checking that the URL is correct, or finding contact information on your bill or in a confirmation email. It is too easy for a bogus website to be made to look like a legitimate company site and the web address of that website to be very similar to the legitimate company's name. Be especially suspicious when the address of the website as shown in the status display (usually in the bottom-left corner of the screen) or text bubble ends in ".UR" or ".RU" or something other than .COM, .ORG, .NET or .INFO which legitimate companies are more likely to have.

**Fake Emails.** Residents occasionally get an email from someone they don't usually hear from. They are almost always scams or contain malicious software. **Don't open them. Don't click on their links. Don't call the phone numbers they display.**

**Malicious software.** Google continues to find Android spyware in its app (application) store "Google Play." **That spyware has been there for years without being noticed.** Millions are potentially affected.

**Caution!!** When you are not using Alexa or Google Assistant, **TURN THEM OFF** by removing the power source! Protect yourself. While using them, be careful what you say.

If you have an Amazon device such as Alexa, it may have a feature called Sidewalk. That feature allows smart devices to connect to neighbors' Internet service and neighbors to connect to yours. If you have one of the Amazon smart devices, go into that device's application and look for **More** in the settings. If **Sidewalk** is listed as a setting, the Computer Club recommends the Sidewalk setting be turned off. See <https://www.howtogeek.com/732351/what-is-amazon-sidewalk-and-should-you-disable-it/>

## Scams and Hacks

**Hang Up**  
**Disconnect**  
**Shut Down**  
**Unplug**



**Don't Open**  
**Don't Click**  
**Don't Call**

**No one** who calls you, emails you or displays a message on your computer or device can tell you your computer or device is infected or running poorly. They have to have been given access. If you haven't given them access, you are being scammed. Don't give them access. **Hang up. Disconnect. Shut down. Unplug.** Do not respond to emails that say your account is missing information or that say they were not able to deliver a package with something you did not order. **Be skeptical. Protect yourself.**

Several residents are asking for help when they see a message on their screen that tells them that they have been hacked or that claims to be from Microsoft. The message looks official. It says that their computer is locked (and it is), that **they** must not turn off their computer, and to call the phone number on the screen.

Do not call that number. It is a scam. If you do follow their instructions, they will download and install software on your computer that gives them access to your information. Instead, follow these steps to recover your computer.

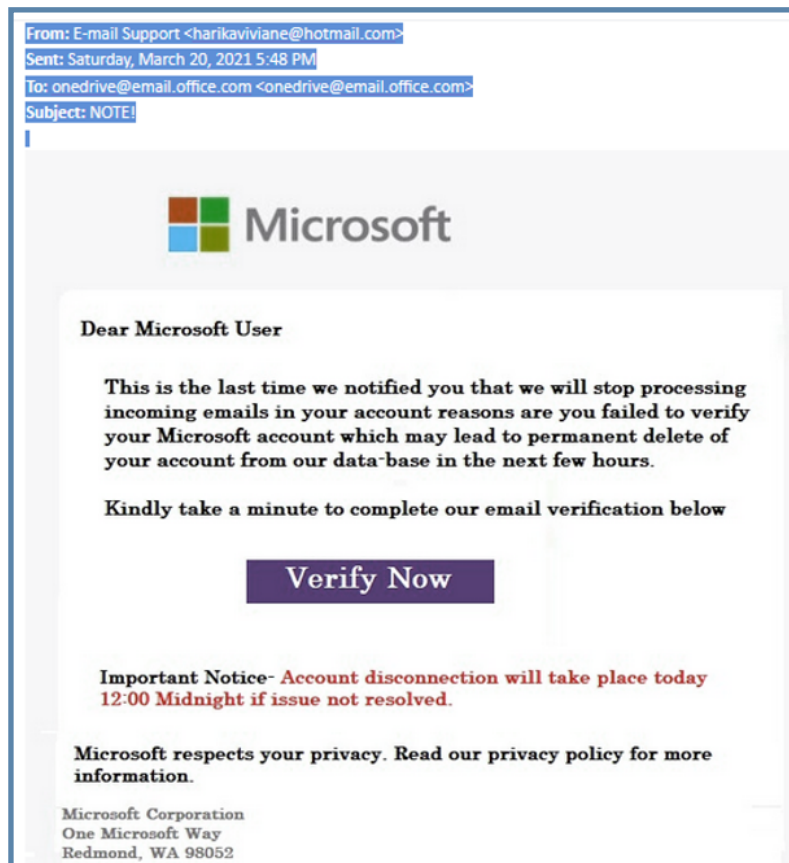
If you do not use a password to access your computer:

1. Hold down the power button until the computer turns off. It may take several seconds.
2. Wait 10 seconds and restart your computer.
3. If the message **reappears**, hold down the power button again until the computer turns off.
4. Unplug the computer from the outlet and wait four hours. If you are using a laptop, remove the battery and wait for four hours.
5. Plug the computer in or if using a laptop, replace the battery.
6. Restart your computer.
7. If you still have the message, ask for help.

If you use a password to access your computer:

1. Hold down the power button until the computer turns off. It may take several seconds.
2. Wait 10 seconds and restart your computer.
3. Do not log into your computer.
4. On the bottom right of your screen locate the Power icon. Select Restart.
5. When the login screen appears, log in.
6. The log in may take longer than usual.
7. If you still have the message, ask for help.

You may get help using the **Get Help** instructions on page 1 of this newsletter.



This email was sent to one of our Residents. It looks real; however, if you look closely, you can spot some things that indicate it is a scam.

1. the **From** address is **not** from Microsoft.
2. the **To** address is **not** to the person receiving the email.
3. the first line in the paragraph (**This is the last time we notified you**) is **not** good grammar.
4. there is no punctuation where there should be. The email states to read their privacy policy, but no link is provided.

**If you get something like this, DON'T click on anything, just delete it!**



Reprinted with written permission of artist.

## Technical Info

**Resident Copiers/ Printers.** Contact your concierge for specific information on location and usage instructions.

The Computer Club recycling team has an inventory of Windows 10 PCs available **FREE TO COMPUTER CLUB MEMBERS**. PC users are encouraged to use Windows 10.

**WeTransfer.com**—The service provides facilities to transfer (i.e., send or share) files that are too large to be sent as email attachments:

- No storage
- Send up to 2 GB
- Email transfers to up to 3 people
- Link transfers to unlimited people

**Restore Point.** There is a helpful article on how to remove software that you tried and no longer want on your computer. You have to set up your computer before hand. The article with its easy-to-follow instructions can be found on the Resident Intranet: Computer Club|Information Central or by clicking this link: [Restore Point](#).

The best way to deal with malware is: **Keep Devices Current.** Almost all modern electronic devices that are susceptible to malware (malicious software) provide facilities to update their software (applications) and firmware (code that tells hardware what to do). There are too many devices and versions to provide a single set of instructions for keeping devices current. Use Google or other search engines to get information on keeping devices current, or ask for help.

**Spring Run Business Center** on the 5th Floor of the Spring Run core building has a Windows 10 computer that can read SD cards and 3½ floppy disks. It also has an attached flatbed scanner that can scan documents and pictures, as well as convert scanned text in a document to a digital text file, using Optical Character Reader (OCR) software. If you bring your own flash drive, you can copy any of those files onto your flash drive and take them home for later use. Many of us have a stack of 3½ floppies we can't read.

**Recuva** software has been added to the Windows 10 computer to aid in recovering files on a damaged CD or DVD.

**Backup Files:** Please remember to periodically back up your important files to a flash drive, the cloud or external hard drive. Then, eject the drive and disconnect it from your computer so that those backed up files cannot be compromised. You never know when a computer might have a problem, and being able to put those saved files on a replacement computer can save a lot of time, money and headaches. Do not back up your files after your computer has been compromised. That can cause your backup files to be compromised as well. Get professional help if your computer has been compromised. Tony Poulos uses Backblaze for his backup service. Al Williams uses Amazon Web Services for his backup service. Gary Staton uses iDrive (not iCloud).

**RAM on new PCs.** We recommend new PCs have at least 12 GB of RAM (Random Access Memory) for future needs. Our experience when helping those with older PCs indicates that slow PCs can be caused by insufficient RAM which can no longer easily handle software updates and newer software. Another cause of a slow running PC might be Insufficient Graphics Processing Unit (GPU).

**Problem Reading Webpages.** If you have problems with certain web pages, try accessing the page with a different browser (e.g., Edge, Firefox, Chrome, Safari). Also, if you have a problem reading a file such as the PDF file used for this newsletter, try reading the file with a different PDF reader. If you don't have Adobe Reader DC, it is a free download at <https://get.adobe.com/reader>.

Try PDF-XChange Editor as an alternative. Apple users, try Preview.

The Computer Club recycling team has given away more than 480 computer systems to local community support organizations. Thank you.

**Inkjet Printers:** Given up on your inkjet printer because you don't use it often enough and the ink dries and clogs the printer nozzles? This does not necessarily mean that you need a new printer. You can use the "clean" function on the printer to clear the nozzles and to clean the print head; be aware, however, this uses quite a bit of ink. If you prefer, look on the internet for alternate ways to unclog your printer.

Or, consider getting an inexpensive **laser** printer. Laser cartridges don't dry out and you can avoid leaving your residence to print documents on the Willow Valley printers.

# Microsoft and Windows General News

## Microsoft Office

Microsoft is embracing subscription services for their products. Office 365 (now called Microsoft 365) has largely phased out its perpetual licensed counterpart - e.g. Office 2019 - by enticing users with a low up-front cost, continual updates, and additional perks utilizing Microsoft's cloud services.

## Windows Updates

Although Microsoft had announced they were no longer providing updates to Windows 7 and Windows 8, they may provide updates for certain critical security updates.

During an update, the computer, screen, mouse, or keyboard may not responsive. Those conditions are not unusual during a Windows system update, some of which can take up to a couple of hours. The solution in many cases can be patience. If a computer is turned off during an update, problems can be created. Let your computer finish its update. Look for the light that shows activity on the hard drive. If it periodically flashes or stays lighted, your computer is probably working on installing an update. Let it finish and display a screen you recognize. If the computer continues to run overnight without restarting, press the power button until the computer turns off. Wait a couple of minutes and turn the computer back on.

If you still have concerns when your computer comes back under your control, run Malwarebytes and the full scan (after updates) using Windows Defender or Security Essentials to check for malware that may be on your computer.

## Printer Problems with Windows 10 Updates

Several Residents have reported printer problems after a Windows 10 update. One solution has been to connect and turn on the desired printer, go to *Printers and Scanners* in System Settings, add the desired printer if it doesn't show up in the list, select the desired printer as the default printer, then check to see if the problem has gone away. You could also use the printer troubleshooter.

## Upgrade from Windows 7 or Windows 8 to Windows 10

Windows 10 download link: <https://www.microsoft.com/en-us/software-download/windows10>

The following information is provided to assist in your getting a free upgrade to Windows 10 for your Windows 7 or Windows 8 computer. Before starting, print this page for reference, and assure your computer can handle Windows 10. Microsoft has published the following minimum specifications; however, we have found the values in **red** below to be the minimums needed:

- Processor: 1 gigahertz (GHz) or faster [compatible processor](#) or System on a Chip (SoC) **2 gigahertz**
- RAM: 1 gigabyte (GB) for 32-bit or 2 GB for 64-bit **3 gigabytes (GB)**
- Hard drive size: 32GB or larger hard disk **250GB**
- Graphics card: Compatible with DirectX 9 or later with WDDM 1.0 driver
- Display: 800x600

To add a safety factor, before you begin the upgrade process, back up your important files to a flash drive or an external hard drive. It is a good idea to do that periodically anyway.

After you have confirmed your Windows 7 or 8 meets at least minimum requirements, click on this link to download the Windows 10 installation tool: [Download tool now](#). Although the site states it can be used to create a media format (i.e., DVD or flash drive), the instructions below should allow you to install Windows 10 directly on your computer. Note: Some browsers may not allow you to click on this link. If you can't, copy this: <https://go.microsoft.com/fwlink/?LinkId=691209> and paste it into the browser address box and press the Enter key. If a popup asks if you want to Cancel or Save the file, click on Save and run the file from Downloads. If you see Media Creation Tool at the bottom left of your screen, click on it.

1. Select Download tool, and select Run. You may need to be an administrator to run this tool.
2. On the License terms page, select Accept.
3. On the What do you want to do? page, select Upgrade this PC now; then select Next.
4. Select Keep personal files and apps.
5. Select Install.

It might take several hours to install Windows 10, and your PC may need to be restarted a few times. Make sure you don't turn off your PC. Although there is no guarantee this procedure will work, recent efforts following these instructions have been successful. If you have a problem, please send an email to [wvcomputerclub@gmail.com](mailto:wvcomputerclub@gmail.com).

## Apple

Go to <https://resident.willowvalley.org/cclub/gethelp.aspx> to see lists of names of other Residents who may be able to help you with Apple-related problems.

The Computer Recycle room, open Mondays 1:00 p.m. on the 5th Floor, Manor North J-Building, is accepting donations of Apple computers and devices. If, at the time of your donation, you leave a note with ALL (!!!) your passwords (login and Apple ID or passcode if an iPad or iPhone), your donation can be processed. With that critical information, the device can be totally erased and the latest operating system reloaded, making the unit available to Computer Club members and others. Without that critical password information, the unit will go to the county landfill drop-off point on Harrisburg Pike.

Support for all Apple devices is best found by any of the following listings. They are not listed in a particular order, although the first listing is the newest Apple Support service and may be the best available free service.

Download and use the Apple Support App on your iPad and iPhone for all Apple devices and services.

For Mac computers, go to <https://support.apple.com/mac>

Call Apple Support at 800-275-2273 for iPad, iMac or any MacBook devices.

Call Apple Support at 800-694-4766 for iPhones.

Go to the Apple Store at Park City Mall or contact <https://support.apple.com/>

Apple devices are not immune to scams or malware, especially if you use them to visit contaminated websites. Protect yourself.



**TiVo Models**

The current model is the Edge for Cable.

The TiVo Edge for Cable works with Campus TV. It will save up to 300 hours of HD programming. It has six tuners. Up to six programs can be recorded simultaneously. The cost for the unit is \$399.99.

In addition to the unit, a TiVo service plan is required.

Monthly \$14.99 with 1-year commitment, Annual \$149.99, All-in (lifetime) \$549.99.

Lifetime is the lifetime of the unit.

There are several sales during the year with significant savings. The units must be purchased directly from TiVo.

The regular price with annual service is \$549.98.

The sales price with annual service is \$349.98.

The regular price with lifetime service is \$949.98.

The sales price with lifetime service is \$549.98.

## Renaissance Fall 2022 Computer & Technology Classes

The following are planned computer classes for inclusion in the Fall 2022 Renaissance. They are provided in advance to help Residents schedule medical appointments and other activities around dates and times of classes they may want to attend. Check the Fall Renaissance when it is published and the Event Registration System when those are available to confirm scheduled dates and times.

**New Intranet**

Sid will present his personal approach to using the new Resident Intranet features. Early registrants will be sent an email asking for email responses containing questions about new Intranet matters they would like covered in the class. The class will then focus on those questions, first received, first covered. Please verify you have a good email address in the online Resident Directory.

*Wednesday, September 21 | 10:00 am - 11:30 am | Cultural Center Education Room*

*Presenter: Sid Paskowitz, Spring Run resident | Registration is required using Event Registration*

**SANDWORM**

Russian hackers penetrated Ukraine businesses, radio and TV stations, and government agencies, making them unusable by Ukrainians. Those hackers also released the most destructive malware in history. This happened in 2014. Today, Russian hackers are attacking again and Ukrainians hackers are fighting back, even into Russia. Come hear the story.

*Thursday, October 13 | 1:30 pm - 2:30 pm | Cultural Center Education Room*

*Presenter: Al Williams, Garden Apartments resident | Registration required using Event Registration*

**Gmail – 101**

Gmail has a myriad of features and settings to make one become more productive. We will explore some of these. Specifically, we will explore various features of creating an email, searching emails, organizing emails as labels, auto adding an event and task from an email to calendar and shortcuts, adding and organizing contacts, and a few key features of the Gmail setting. The focus will be using Gmail on a computer and not on mobile devices.

*Tuesday, October 18 | 1:30 pm – 2:30 pm | Cultural Center Education Room*

*Presenter: Jay Shah, North resident | Registration is required using Event Registration*

**Understanding TiVo**

TiVo is the digital recorder of choice. If you already have one, learn some of the advanced features such as skipping through the Guide or displaying only your favorite channels, options for repeat recordings, accessing premium services, and playing recorded programs 30% faster.

If you're just curious about how a TiVo could be helpful to you, then this is the chance to learn more about it. The class will demonstrate the basic features. If you'll see the great program guide, how easy it is to record programs, replay dialog you may have missed, skip commercials, and always record a program when it is shown even if you're not at home. The handout is very useful and includes basic use, several intermediate and advanced features, basics of installation and setup, and some troubleshooting suggestions.

*Friday, October 21 | 10:00 am – 11:30 am | Cultural Center theater*

*Presenter: Tony Poulos, Spring Run resident | Registration is required using Event Registration*

**YouTube -101**

What is One Billion? What is One Billion Hours per day? Yes, that is how much viewing is done on YouTube around the world. In this overview, we will show you what variety of videos people watch on YouTube that you may/may not know! How to view them comfortably, how to download (and edit) them and how to share the videos with others. We will briefly explain how to create your own video, upload, and share your videos with others. Though you can make money on YouTube, we will not explore how to do it in this session.

*Wednesday October 26 | 1:30 pm – 2:30 pm | Cultural Center Education Room*

*Presenter: Jay Shah, North resident | Registration is required using Event Registration*

**Just The Basics**

This is a class where you can bring your own computer if possible or just come and listen! Lots of basic information, especially on Updates, router recycle, and Willow Valley Resident Intranet. Bring your own questions!

*Tuesday, November 1 | 10:00 am – 11:00 am | Cultural Center Education Room*

*Presenter: Cathy Thorn, Gables resident | Registration is required using Event Registration*

**Information Central**

Sid will present an overview of the key features of Information Central, the Computer Club home page on the Resident Intranet. Early registrants will be sent an email asking for email responses containing questions about Information Central issues they would like covered in the class. The class will then focus on those questions, first received, first covered. Please verify you have a good email address in the online Resident Directory.

*Monday, November 7 | 1:30 pm – 2:30 pm | Cultural Center Education Room*

*Presenter: Sid Paskowitz, Spring Run resident | Registration is required using Event Registration*

## Managing Your Modem and Router

Computers, tablets, smartphones, TVs, and electronics of all types are dependent on connecting to the internet. How does your home network work? This class will provide modem, router, and network basics. You'll learn troubleshooting techniques you can use when your home network isn't working correctly.

*Tuesday, November 22 | 10:00 am – 11:00 am | Cultural Center Education Room  
Instructor: Tony Poulos, Spring Run resident | Registration is required using Event Registration*

## Introduction to Podcasts

Some of us may recall being glued to the radio as youngsters, listening to shows like "The Lone Ranger," and even hearing the nightly news broadcasts with our parents. The good news is that your days of audio enchantment need not be over. If you like to learn and be entertained at the same time, the world of podcasts may be for you. There are over two million podcasts available on almost every conceivable subject. Learn about the technical aspects of how to find and listen to podcasts. Podcast technology is easy to use and they are almost all free. We will pull from this quickly growing area of technology to sample and recommend some wonderful podcasts representing a wide variety of genres and tastes.

*Tuesday, December 13 | 10:00 am – 11:00 am | Cultural Center Theater  
Presenter: Dale Johnson, Spring Run resident | Registration is required using Event Registration*

## PC Housekeeping

Sid will present his personal approach to keeping his Windows 10 computer running smoothly. Early registrants will be sent an email asking for email responses containing questions about PC housekeeping matters they would like covered in the class. The class will then focus on those questions, first received, first covered. Please verify you have a good email address in the online Resident Directory.

*Tuesday, December 14 | 1:30 pm - 2:30 pm | Cultural Center Education Room  
Presenter: Sid Paskowitz, Spring Run resident | Registration is required using Event Registration*

Chuck Smith is our Computer Club Training Coordinator. We are always looking for residents qualified to teach computer-related topics. We want our classes to support your needs. Contact Chuck ([csmithii@aol.com](mailto:csmithii@aol.com)) to volunteer or to offer ideas on topics needed.

### Contact Information

For more information about the Computer Club, please contact Al Williams via email at [wvcomputerclub@gmail.com](mailto:wvcomputerclub@gmail.com).

Please keep your email address on Club records current so we can send you important emails. Send email corrections or updates to Lee Wermuth at [lweremuth582@gmail.com](mailto:lweremuth582@gmail.com).

**WVCC mission:**  
"to provide the means to educate beginners or interested non-users on how to use a computer"

**WVCC mission:**  
"to provide a forum for interchange of computer information among members"

**WVCC mission:**  
"to arrange for speakers to talk about subjects of interest to those with some background and experience in computer use"