The
Gigabyte Gazette

The Monthly Newsletter

of the

**Sun City Summerlin
Computer Club**

**February
2017**

Table of Contents

President's Message

by Howard Verne

Dear Computer Club and friends

The Computer Club meets monthly on the first Thursday of the month at 7:00 PM in Desert Vista. At our February 2nd meeting, our guest speaker will be Ron Futrell from AviSight who will discuss NV Power using drones to inspect their power lines.

Club Fair: The RESIDENTS' FORUM is having their annual club fair to inform all residents about our Sun City community clubs. We have committed to participate in their excellent event on March 8th, 7PM at Desert Vista. We look forward to seeing you there.

Membership Regular dues ($10) are now in effect. For full details, see the Renewal page at: http://www.scs-cc.com/About_SCSCC/SCSCCMembership.htm

Volunteer Opportunities:

Our unofficial motto is "members helping members." The life blood of our Club is our strong volunteer corps and you can become a part of it. Our volunteers fit into two categories: those with computer skills to share and those with non-computer skills to share. Please join these dedicated members and donate your time and skill. You can give as little as 4 hours a month to be a Lab monitor or as many hours as you wish in a wide variety of activities. If you don't know anything about the Lab we'll train you.

Have you always wanted to try your hand at teaching? Our Education chair (Tom Burt) would love to talk with you. Or if you're not ready to teach, you can assist one of our head instructors by being a coach.

Do you enjoy being with people? You can be a greeter at one of our seminars. Call Kathy Kirby (569-1442) and she will put you in touch with the appropriate coordinator

Stay happy and healthy and enjoy your phones, tablets, lap tops and desk tops. Remember we are here to help.

Howard Verne, President
(702) 527-4056   pres.scscc@gmail.com

Issue Contributors

Tom Burt	Kathy Kirby
David Kretchmar	Pat Lemay
Howard Verne	

Submissions Welcome

We are always looking for new information to share with our club members. If you have computer or technical information you would like to share with members of the club, send your articles to Tom Burt at tomburt89134@cox.net. Thank you to everyone for your contributions.

SCSCC Board of Directors Actions

The Computer Club Board of Directors took the following actions on

January 11, 2017

Jeff Wilkinson made a motion that the minutes of the December 14, 2016 Board Meeting be approved as submitted. The motion was seconded by George Lobue and unanimously approved by the Board.

Irene Burt made a motion that the minutes of the December 1, 2016 Business Meeting be approved as submitted. The motion was seconded by Kathy Kirby and unanimously approved by the Board.

Chuck Wolff made a motion that the meeting adjourn at 9:35 AM. The motion was seconded by Kathy Kirby and unanimously approved by the Board.

General Membership Meetings

The February meeting will be held on **Thursday, February 2nd, 7PM at Desert Vista**. Our guest speaker will be **Ron Futrell from AviSight** who will discuss NV Power using drones to inspect their power lines.

Come join us for holiday refreshments and fellowship. For Club information go to **www.scscc.club**, contact Howard Verne, President at 702-527-4056 or email him at **pres.scscc@gmail.com**.

Welcome New Members

The following new members joined the Computer Club between December 25th and January 28th.

Rosemary Adams	**Sharon Hostak**
David Brough	**Douglas Mackinnon**
Ken Cain	**Irene Miller**
Paula Cederburg	**Frank Suffoletta**
Richard Crosby	**Joan Taylor**
Amber Fleisher	**Jacine Vieira**
Penny Hauser	**Rod Wolcott**
Richard Hermsen	

February 2017 Calendars

To view this month's classroom and lab calendars, click the following hyperlink:

http://www.scscc.club/Calendars/scscc_calendar_2017-02feb.pdf

Special Interest Groups

Special Interest Groups (SIGs) provide a forum for general discussion on a specific computer related subject. Admission to all SIGs is on a first-come, first-seated basis and is subject to the maximum allowed by fire code regulations. All of the following meetings are held in the Classroom. <W> or <M> or <H> indicate whether a SIG would be of interest to a Windows, Macintosh or Hand-held Device (i-thing or Android) user.

Genealogy <W>
2nd Thursday, 10:00 a.m. Sep., 2016 to May 2017
Karen Ristic (702-749-6489)

Genealogy is one of America's most popular and rewarding hobbies. With billions of records now available online, researching your family tree has never been easier–if you know where to look and which key words you'll need to use to create an accurate family tree from start to finish. Check out Karen's new series of workshops in the lab on the *second Tuesday of the month*.

GMail <W/M>
1st Thursday, 10:00 a.m.
Pat Lemay (702-254-1499)
This SIG covers Gmail as well as other Google applications. All members are welcome. This is your place to learn about all things Google.

Hardware / Software Repair Lab <W >
Every Tuesday, 1:00 p.m. to 4:00 p.m.
Chuck Wolff (702-233-6634) and
Chuck Hagen (702-418-2614)
The Repair Lab provides **CLUB MEMBERS ONLY** with no cost assistance for those having upgrades and / or hardware and software problems with their computers. Bring in only your PC tower and your problems. Our TECH team will give you our best effort. *Be sure to mark your cables so you can re-connect when you get home*.

Internet Investing <W/M>
3rd Thursday, 9:00 a.m. in even months
Next meeting: February 16.
Tom Burt (702-341-7095)
The Internet Investing SIG provides a forum for members interested in using Internet resources for researching and managing investments to meet, discuss, and learn more about the topic. The SIG's target audience is members with intermediate computer skills and investment experience, but all members are welcome.

iPad <iPod, iPhone, iPad>
4th Wednesday, 9 a.m.
Zane Clark (702-562-3684)
This SIG will be your forum for learning about and discussing the Apple iPhone, iPod and iPad tablet devices. It's for Apple hand-held device owners of all experience levels.

Macintosh Users' Group
2nd and 4th Tuesday, 6:30 p.m.
Rose Mary D'Aloisio (702-255-2813)
This SIG is for Macintosh users of all experience levels. We will have Q&A, so bring your questions and/or problems.

Photoshop <W> *Dark indefinitely*
2nd and 4th Wednesdays, 6:00 p.m.
 Un-moderated discussion group
This SIG covers many of the basic elements found in both Adobe Photoshop and Adobe Photoshop Elements, two excellent tools to get professional-quality results. If you wish to enhance your photographs, this SIG will be most helpful and of great value. This SIG's target audience is intermediate to advanced digital imaging users, but all members are welcome.

Beginner's Digital Photography <W>
3rd Mondays, 1:00 p.m.
Stu Gershon (702-255-3309)
Picasa is still a viable, reliable photo editor for beginners, but this year we will also take a look at Google Photos and other FREE editing programs. You're invited to bring your equipment (Laptops or Cameras) so that you can have that "hands on" experience!

This SIG's target audience is beginner to intermediate digital photography users, but all members are welcome.

Photoshop Elements<W>
4th Mondays, 1:00 p.m.
Mary Miles
This SIG covers many of the basic and advanced elements found in Adobe Photoshop Elements, especially layers. If you wish to make the most of your photographs, this SIG will be very helpful. This SIG's target audience is intermediate digital imaging users, but all members are welcome.

Windows 10<W>
First and Third Saturdays at 10:30 am
Bill Wilkinson (702-233-4977)
Each session will be devoted to assisting new Windows 10 owners in becoming familiar and comfortable with Microsoft's newest operating system for desktop and laptop computers. Assistance will be given individually or in small groups as circumstances warrant. Bill's notes are available by clicking HERE.

Kaffee Klatches

Kaffee Klatches provide a forum for general discussion on all computer-related subjects. Admission to all Kaffee Klatches is on a first-come, first-seated basis and is subject to the maximum allowed by fire code regulations. All of the following meetings are held in the Classroom. **<W> or <M> or <H> indicate whether a SIG would be of interest to a Windows, Macintosh or Hand-held Device (i-thing or Android) user.**

Windows 10 Kaffee Klatch <W>
First and Third Saturdays, 9:00 a.m.
Bill Wilkinson (702-233-4977)

If you are a novice or near-beginner computer user, or if you just want some refresher information together with a refreshing cup of coffee, then jump-start or recharge your computing knowledge by attending these Win 10 KK sessions. At each session, attendees will explore from one to four topics of particular interest to beginners and near-beginners. The topics are always announced a couple of days in advance via e-mail to SCSCC members who have subscribed to the club's message board. Each topic is presented in a step-by-step manner and is supported by "how to" notes that can be easily and conveniently downloaded from the SCSCCBKK.org web page. Following each "up front" presentation of one or more topics (approximately 60 minutes in duration), an informal open-ended Question and Answer period takes place for those who wish to participate, listen, reflect, or inquire.

Kaffee Klatch <W/M/H>
Every Tuesday, 8:30 a.m.
Sandy Mintz (702-838-2525)

This KK is for all users, from beginning to advanced. The KK discussions are not restricted to any one subject, computer platform or computer-knowledge level but should be computer or technology related. We will try to answer your questions, help you keep your systems updated and provide some useful "tips and tricks." If you have a tip or information you would like to share, we encourage you to bring it in and share since the SCSCC is built on "neighbor helping neighbor." The fellowship is great, the coffee is good, and the education received from the KK attendees is priceless. Stop by on Tuesday morning and have a cup of coffee with us.

February 2017 Classes

Because there are a limited number of computer stations available for hands-on participation, pre-registration is necessary for all classes. See individual class descriptions for details on how to register.

Windows 10
Conquering the Basics and Beyond

Making the Easy Transition From Earlier Editions of Windows
A Nine-Hour Hands-On Course
Limited to 12 Participants

February 6, 7 & 9 - 9 AM to noon
Next Class Dates: March 6, 7 & 9 - 9 AM to noon

Lead Instructor: Bill Wilkinson

Prerequisites: Club Membership for 2017 ($10); Comfortable with using a mouse; some basic knowledge of an earlier edition of MS Windows (XP, Vista, 7 or 8/8.1).

Place Your Name on the Pre-Registration List for an upcoming three-Session Class

If you are interested in placing your name on a high-priority reservation list for the next available class, simply send an email message to: **WILKINLV5@COX.NET** and include the following information:

- Include "**Windows 10 Class**" in the Subject Title
- Your first and last name
- Your 8-digit Sun City Summerlin Association number
- Your telephone number
- Your email address

Your message will be promptly acknowledged by return email. No telephone inquiries please.

Please note: All hands-on classes are limited to 12 participants. This class fills very quickly.

BOOT CAMP CLASS
for Windows Vista, Win7, Win8.1 and Win10 Users

No classes in February
Each Session Meets from 9 am - noon.
Lead instructor: Bill Wilkinson

Place Your Name on the Registration List
for the Next Three-Session Class
(Dates to be Determined as Interest Dictates)

Course Description:

Boot Camp is an introductory course designed for residents who are novice users of the Microsoft Windows operating system. **It also serves as an excellent review for intermediate users who want to fill some gaps in their computer knowledge.**

This hands-on class has a **limited enrollment of 12** with each participant working at an individual computer station in the Computer Lab. A team of lead instructor and four coaches will provide step-by-step instruction that will include demonstrations, guided practice and individual coaching assistance.

These strategies will be covered:

- Secrets for using the mouse and the keyboard effectively
- Basic vocabulary needed for an understanding of Windows (Vista, Win 7, and Win 8.1)
- Managing and organizing your personal data files (documents, pictures, videos, and music)
- Protecting your computer from viruses and other malware
- Safely downloading and installing applications from the Internet
- Efficient and safe use of an Internet browser and search engine.

Course Fee: $10 for current club members; $20 for non-members

Materials include: a step-by-step user's manual and a flash drive

Registration Details:

To reserve one of the remaining slots in this final Boot Camp class of 2015, telephone Bill Wilkinson at **702-233-4977**.

The Genealogy Computer Lab Workshop

Presenter: Karen Ristic
Location: SCSCC Lab

Next Session: Tuesday, February 14th

In this workshop, using the lab student computers, we will explore some of the many genealogy web sites, such as *FamilySearch.org, One-step Webpages, Ellis Island,* and more.

February 2017 Seminars, Q&As and Workshops

For Computer Club seminars, there is no requirement for advanced registration unless explicitly stated. Seating is first-come, first-seated.

Basic Cell Phone Use

Thursday, February 2nd at 1 PM
Presenter: Susan Heifetz
Location: SCSCC Classroom

First time presenter Susan Heifetz will present an introductory tutorial covering the basics of using an Android smart phone.

Wonders of the Internet

Monday, February 6th at 1 PM
Presenter: Stu Gershon
Location: SCSCC Classroom

Stu will lead the group through a tour of the many wonders of the Internet.

Learning Photoshop Elements

Wednesday, February 8th at 1 pm
Presenter: Mary Miles
Location: SCSCC Classroom

Learn Photoshop Elements and Master the Mystery of Layers! Compare Photoshop and Photoshop Elements and see why Elements is better.

"Ask Chuck" Q & A
Thursday, February 9th at 1 PM
Presenter: Chuck Strickland
Location: Classroom

Chuck will hold forth in the classroom, answering your technical questions.

If you wish, you can e-mail your questions ahead of the session to: chuckstr89134@gmail.com.

Page Numbering and Section Breaks in MS Word

Saturday, February 11th 10 AM to noon
Presenter: Gail Weiss
Location: Classroom

This month's class will focus on MS WORD. If you have documents that require different formatting and page numbering throughout you will need to understand how to apply multiple headers and footers separated by section breaks.

Please bring your own laptops or mobile devices if you want to follow along.

I come to Sun City as a recent resident with over twenty years of computer training experience in conducting classes from basic to advanced features in all MS Office applications (Outlook, Word, Excel, PowerPoint and Access). Whether you are looking for a new job that requires knowledge of MS Office applications or just want to know more about using these applications for personal use, please email me your ideas for future classes at: gweiss5@cox.net.

How to Better Use Your Smart Phone

Monday, February 13 at 1 PM
Presenter: Stu Gershon
Location: SCSCC Classroom

Stu's workshop will cover how to get the most out of your smart phone. Bring your phone along to the session.

Creating Personalized Labels with MS Word

Thursday, February 15th at 1 PM
Presenter: Edith Einhorn
Location: SCSCC Classroom

Using MS Word and your own photos or clip art collections, this seminar will demonstrate how to create personalized mailing labels. We'll use Word's clip art collection or our own clip art collection.

If time allows, we'll answer any questions you may have about MS Word, with an emphasis on using graphics to enhance your documents.

You are welcome to bring your laptops.

Google Calendar

Thursday, February 16th at 1 pm
Presenter: Pat Lemay
Location: SCSCC Classroom

Organizing your schedule should not be a burden. With Google Calendar, it's easy to keep track of life's important events all in one place. Google Calendar is free for anyone with a Google account. If you are already using Gmail you already have a Google account. As with most of Google's products, Google Calendar is web-based which makes it available from any device that has 3G/4G or an Internet connection. You can create events and set up automatic reminders so you will never forget an event.

Introduction to the GIMP Image Editor

Thursday, February 23rd at 9:30 AM
Presenter: Tom Burt
Location: SCSCC Classroom

One of the most popular **free** programs for advanced editing of images is the GNU Image Manipulation Program (GIMP). GIMP is an open source image editor with a rich and powerful set of features.

While we can't begin to cover the full scope of GIMP's capabilities, this two-hour seminar will demonstrate how to use GIMP in enhancing your photos to turn them from snapshots into photographic art. We'll first cover all of the common image edits. Then we'll reach beyond the basics, demonstrating layers and other advanced techniques you'll want to use in your "digital darkroom".

You can never have too many image editing tools – especially when the price is right ($0.00). So come check out GIMP and see if it belongs in your image editing tool kit.

The latest seminar notes will be available about **February 19th** at: **www.scscc.club/smnr**

Tom's Tech-Notes

A New Box for a New Year (Part 2)

Tom Burt, SCSCC Vice-President

This is a continuation of last month's article describing my project to build a new desktop workstation to replace my aging 2011-vintage box. With all the parts in hand, including a canibalized HP desktop case, I set about assembling a working PC. Check last month's article for the parts list and pricing.

The first thing to do is check all the boxes to be sure everything is there. In my case, it was. Next, read through the various quick start guides and manuals to get an idea how things will go together. Use a scissors to carefully open any sealed packaging. You want to keep all packaging as intact as possible in case you have to return something.

Here are the AMD A10-7860 CPU and its heat-sink cooler. These will be mounted on the motherboard.

In the second image, you can see the CPU socket (FM2 in thisi case).

Raise the lever arm. Then gently insert the CPU chip into the socket. Make sure the small triangle on the chip is aligned to the corner of the socket with a similar triangle. Do not force the chip; it should drop in easily when properly aligned.

Once the CPU chip is in place, lower the lever arm and latch it. This will clamp the chip in place and ensure all pins have made good contact.

Next, the heat-sink and fan assembly has to be mounted on top of the CPU chip and latched to the socket. In our case, this is an AMD socket, CPU and heat-sink. An Intel socket, CPU and heat-sink would be slightly different. Follow the instructions that came with your system.

Again, do not be overly forceful. Be careful when handling the heat-sink to not touch the grey thermal compund on the bottom of the heat sink. When the heat-sink is clamped into place, that thermal compund will be compressed and spread out to maximize the contact between the CPU chip and heat-sink, ensuring good heat transfer.

There are springy flat metal clamps on each side of the heat sink with holes that fit over two ears on the base of the socket. Settle the heat sink in place, engage the hole in one the clamps over a socket ear. Then press down gently and engage the second clamp's hole over the other socket ear. Finally, swing the black cam lever to the position shown, which will tighten the clamps and force the heat-sink tightly against the CPU.

Finally, press the plug at the end of the fan's 4-wire cable onto the CPU fan pins on the motherboard. This will allow the CPU to control the speed of the fan, increasing it as the CPU's temperature rises. Loop the cable away from the fan blades.

Next, unwrap your memory sticks. Open the retainers at the end of the memory sockets. Align each memory stick (they will only fit one way) and then press it down into its socket until the retainers snap into place. If you're only using two sticks (as I did), use alternating pairs of sockets as per your motherboard manual. This motherboard and chip set wanted DDR3 memory, which requires the sticks be in alternating banks. Make sure you're using memory that's compatible with your motherboard's chip set.

We've reached the point where the motherboard, CPU, heat-sink and memory have been assembled.

It's time to mount our motherboard into the case and connect up all the various case wires to sockets and pins on the motherboard.

However, I've used up my allotted three pages for this month, so I will continue this in my March column.

Kretchmar's Korner

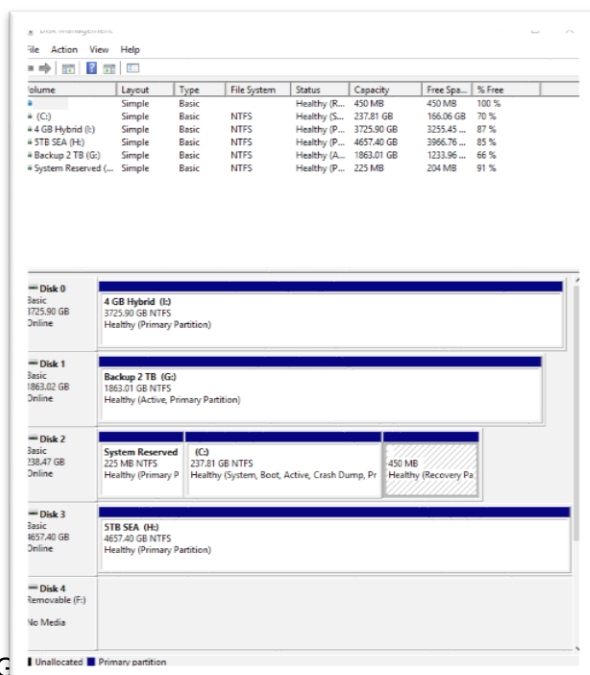### By David Kretchmar, Computer Hardware Technician

How to Retrieve Individual Files
from a Windows Backup

In Windows 10 Microsoft has included the old Backup and Restore feature from Windows 7. This was weakened in Windows 8 and completely removed in Windows 8.1, but it is back in Windows 10, even if it is a bit depreciated. It's now called "Backup and Restore (Windows7)".

Microsoft's File History is a is a great tool designed to back up your individual files, and Microsoft seems to be pushing users to utilize this feature, rather than relying on entire system backups. To this end, Microsoft states that you cannot restore individual files from a system image.
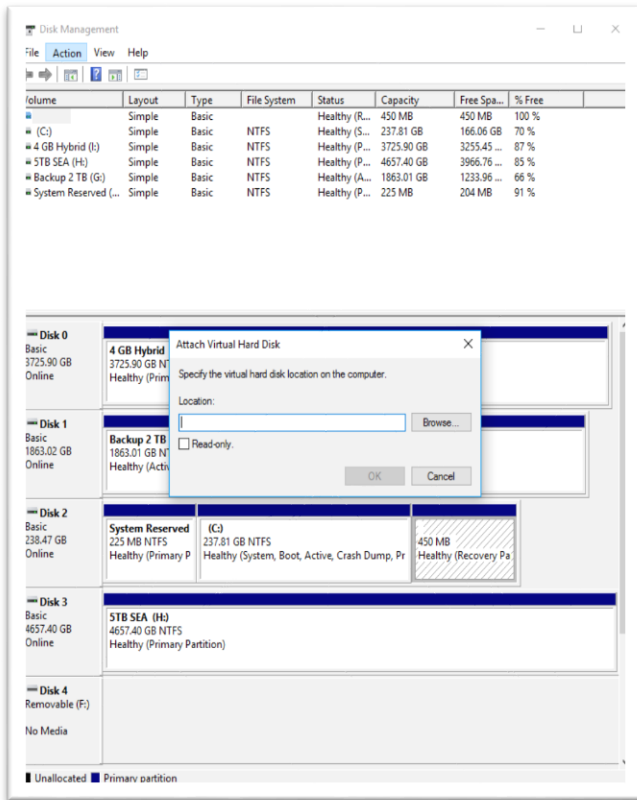
Microsoft is being untruthful when it states that you cannot restore individual files from a system image. This might represent a twist on the old joke that when you get information from Microsoft it is completely accurate, but useless. I'm not sure it is an improvement for Microsoft to provide inaccurate information to push users to utilize File History. Using File History to back up your data fits more neatly into Microsoft's long-term strategy of moving users to The Cloud, and maybe that's how they justify this mendacity.

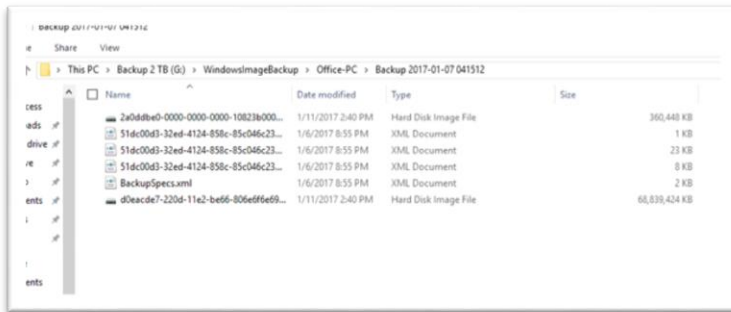## Create an image then use Disk Manager

Obviously you must create a Windows system backup before you can pull individual files from the backup image. This can be accomplished in different ways; one way is to go into the Control Panel (Category View), System Security, Then Backup and Restore (Windows 7).
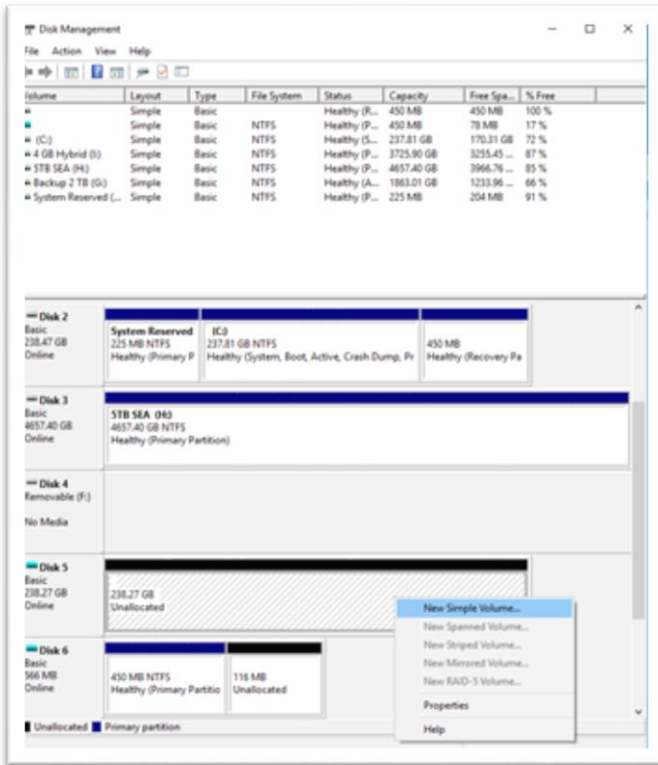
Once you have created the image, execute Disk Management by right clicking on the Windows Start icon (or pressing WindowsKey+X) and then left clicking on Disk Management.

Click on Action then select "Attach VHD" (Virtual Hard Drive). Note this window Shows physical hard drives (Disk 0, Disk 1, etc.) as well as logical drives (C:, D:, etc.). Now browse to the location of your image.

Your image is contained in a folder named WindowsImageBackup. Drill down to your image file. There is more than one file in a folder named "Backup (date of backup)". The one ginormous file is the one we want to attach.

Go back to the Disk Management window and you will see a new hard drive (the virtual drive you just created). Note it is the same size as the C: drive that was imaged. Right click on the representation of this drive and proceed to add a logical drive letter to this drive, if one is not already assigned.

Copy your files

Now use File Explorer to access to access any of your files in the virtual drive you have just created. It's that simple! You can copy and paste any files you like from the image to any other location you can access. This is not as simple as a restore from File Backup, but it works.

Remember you have created a virtual drive, also known as a logical drive, every bit as "real" as your own C: drive, lacking only the graphical user interface. You can even execute programs on your virtual drive, if you can locate its executable or application file.

Clean up

When you are done gleaning the data you want from the virtual drive, Right click on its representation in the Disk Management window, and delete the partition(s). Do not delete the image file on your backup drive or it will be gone forever.

Just reboot and your system will be back minus the virtualization.

February Lab Monitor Schedule

Open Lab sessions are held twice per week: 9 am to noon on Wednesdays and Saturdays.

February 2017	Monitor Schedule
Jeff Southwell Susie Scott	WEDNESDAY February 1, 2017
Marcy Ishum Donna Bailey	SATURDAY February 4, 2017
Tom Brennan Jan Edwards	WEDNESDAY February 8, 2017
Jim Enlow Fred Cohen	SATURDAY February 11, 2017
Opal Smith Susie Scott	WEDNESDAY February 15, 2017
Mary Hedin John Zuzich	SATURDAY February 18, 2017
Joyce Davidson Tammy Collins	WEDNESDAY February 22, 2017
Ann Warhaftig Marilyn Gramms	SATURDAY February 25, 2017