

Licking County Computer Society

www.lccsohio.org

Random Bits



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2007 General Meetings of LCCS

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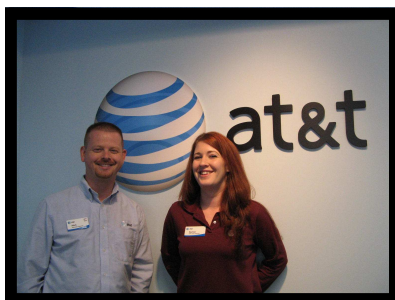
Sell the Cell

October 16, 2007

Written by J. C. Deck

For the October meeting, Jim Amore invited four different Cell phone providers to come and talk about their products and services. Verizon Wireless and AT&T Mobility accepted the invitation to present at the meeting.

AT&T Mobility, Rachel Romes and Mark Derenberger, presented first. They covered various different phones they have available, including the new Apple iPhone which combines the features of an iPod, digital camera, Web browser, e-mail service, and cell phone into one device. They also discussed the features of their "Rollover plans" which allow you to keep unused minutes from month to month.



Verizon Wireless presenters Tessa Yakubesin (photo not available) and Ben Harris, also demonstrated the phones they have available for use on

their network. Most of the Verizon phones feature digital cameras that allow you to take pictures and upload them to your computer from a Micro SD flash card. The pictures can also be e-mailed to you for \$0.25 each. Verizon wireless also explained the benefits of their new roadside assistance plan which offers emergency assistance, no matter whose car you are in.



After the two presentations there was a general question and answer session. One of the questions answered was why contracts have early termination fees. It was explained that the early termination fees are often implemented on plans that offer free phones in order to recover the cost of the phones if the contract is canceled. Many other questions were answered such as how to determine if your house is in a cell phone dead zone and what types of broadband data plans are available.

About Your Computer

A Night of Questions and Answers

October 16, 2007

Written by Jim Amore

We had two presentations for the November general meeting. First, I started with a demonstration on how to upgrade to Windows 2000 from Windows 98: - - *continued on pg 2*

Next General Meeting PROGRAMS

For future monthly General Meeting programs, please go to:

www.lccsohio.org/meeting.htm

LCCS Gift Certificates

An ideal anytime gift for someone that's hard to buy for. Bring in new members or help renew a present member. Gift certificates are available for the regular membership cost. Contact Jim Amore 404-3963 or jim@helmicks.com Give the recipient the certificate and an application form to fill out and have them send it to LCCS P. O. Box. 612 Newark, Ohio 43058-0612

I had a Windows 98 computer we used at the A-Frame as a print server and since we have the printer networked directly we don't need a computer for that. I've upgraded a



few computers like this and found a few things you need to do. First is to back up all items, my documents and photos just so you don't lose them, but if all goes well, they will still be on the computer after the upgrade. Next,

scan your computer with a program like Belarc (http://www.belarc.com/free_download.html) and print it out. That way you can see what you have on your computer. Scan your computer with anti-virus and anti spy ware programs.

Next, you need to go through and uninstall all unnecessary programs and programs you can reinstall easily. Since anti-virus writes to the registry, it should be uninstalled for the upgrade. I did have trouble when I didn't do this. It would be good to have the anti-virus on a disk to reinstall after the upgrade. Also any drivers, especially for your network card, so you can get back on the Internet.

When you have your computer running with Windows 98, you put the Windows 2000 disk in. It will say the disk has a newer version and do you want to upgrade. Say "yes" and do the upgrade. It might show what programs that will need to be reinstalled like Microsoft Works. You also have an option to change from fat 32 to NTFS and I have done that without any problems.

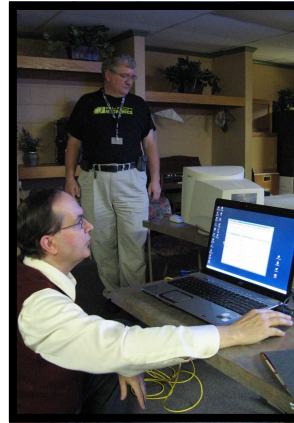
Some of the problems I have found are with drivers. Sometimes you won't be able to find video and sound card drivers for your computer. You can try the manufacturer like HP or Dell and also www.driversguide.com

I have had this problem where Windows 2000 did not have the drivers and I could not download them so I just replaced the cards like the video or sound card. Another thing we noticed with the upgrade is Internet Explorer needs to be upgraded from IE5 to IE6 or maybe use Firefox. (just for you, "free" John).

It's nice to be able to get away from Windows 98 and with Windows 2000 most of the new thumb drives work without needing drivers.

The second program for the November meeting was a presentation of Jeff Eno's Slingbox.

The Slingbox concept is simple: It puts a virtual version of your own television on any Windows XP/2000 computer



with an Internet connection, as well as on certain handhelds and smartphones. This is an especially appealing proposition if you have a TiVo or DVR, because the Slingbox lets you access its stored programs and pause playback—a necessity when multitasking on a laptop or watching on your handheld while out and about. From www.pcmag.com Jeff showed

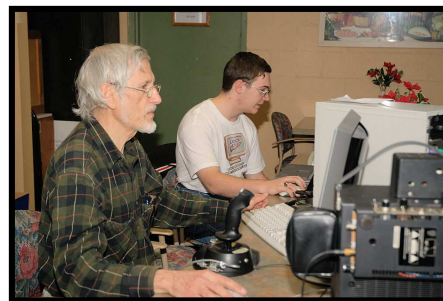
how he could watch his TV at home on his laptop connected to the Internet at Zenger Hall. He was also able to change channels from his laptop. This could be a nice toy or you could see what someone was watching while you were away.

Microsoft's Flight Simulator 2004

December 18,, 2007

Written by J. C. Deck

At the December general meeting, Everett McKee and I demonstrated Microsoft Flight Simulator 2004. We demonstrated the simulator's ability to work in multiplayer between two computers. During the presentation, we made four flights.



First, we flew from the Newark/Heath airport to Zanesville Municipal. Every airport in the world is modeled in FS-2004; however, not all of the buildings are accurately

placed. The next flight we made was around the southern coast of Alaska. After this, we flew from New York's LaGuardia to JFK International over Manhattan. This flight was conducted at night to show off the spectacular lights of the city. Finally, we performed a couple of trick flights: first flying inverted through the London Tower Bridge and then flying to an aircraft carrier that is modeled in the game.

One of the main reasons for our conducting this presentation was to generate interest for forming a flight simulation SIG. Both Everett and I have Flight Simulator 2004 (also known as FS9) and Combat Flight Simulator 3. If anyone else in LCCS has either of these games and would be interested in flying with us over the internet please contact me at deck-101@embarqmail.com or send one of us a private message from the LCCS Web board.

SIG REPORTS

Word/Works SIG

Mary Frances Rauch, SIG Leader
Written by Mary Frances Rauch

October 17, 2007

SIG members asked about using a HEADER on all pages (except page one), and how to set it up. Only a few showed up and we went to Microsoft.com and used their HELP menu. I'm pleased to say the instructions were specific and easy to understand.

November 21, 2007

George Willey was the leader this month. He demonstrated how to use the calendar in Microsoft Works as your daily/monthly planner.

December 19, 2007

Word/Works SIG cancelled after receiving responses that nobody had time to attend this month.

If any member in good standing wants to be Word/Works SIG leader, please speak up. Otherwise, I'll see you January 16, 2008, 9:30 a.m. at Zerger Hall.

Windows SIG

Phyllis Hartroft and Jon Luzio, SIG Leaders

No reports, meetings cancelled until further notice.

Tuesday Repair SIG

Wyn Davies, SIG Leader
Written by JC Deck and John Kennedy

October 2, 2007 -- There were twenty- three members in attendance at the A-frame. The following computers were worked on

Computer A – Member wanted a second hard drive installed. A 4.3 GB hard drive was installed as a slave with the C Drive set as master. The computer also had its RAM upgraded from 128 MB to 192 MB.

Computer B – Was suffering from what its owner described as a “pop-up problem”. Because the computer's owner was not in attendance, no other information was available. Basic anti-spyware, ad-ware and anti-virus scans were run, finding and removing many problems.

Computer C – Was running Windows Vista using the on-board graphics on the motherboard. The owner had purchased an ATI Radon 256 MB graphics card. After the card's installation, Vista worked more smoothly.

Computer D – Was having sound issues. Audio CDs were being played in Windows Media Player; however, no sound could be heard. It was found that the audio cable from the CD drive to the motherboard had gone bad. After the cable was replaced, and updated drivers downloaded from the Dell Web site, audio CDs could be played successfully.

Computer E – Computer had been left on during a thunder-storm. After the storm, the computer would not boot properly. The power supply was found to be bad. However, after the power supply was replaced, there were still issues with the computer. It was thought that a lightning strike during the thunder storm damaged the motherboard.

Laptop A – Was a laptop that had been turned in at the last recycling event. The hard drive was wiped and Windows XP installed.

November 6, 2007. There were thirteen members in attendance. One MAR computer was distributed. The following computers were worked on:

Laptop A – Needed a Microsoft.net framework update. The owner had some software that required at least version 2.0 of MS.net framework. However, the update could not be installed. Both version 2.0 and 3.0 were downloaded to the member's computer for him to continue trying at home. It was recommended that he uninstall version 1.0 before attempting the update.

Computer A – Received a memory upgrade for improved performance .

Computer B – Had its modem replaced. The old modem had stopped working.

Computer C – CD burner no longer would burn CDs. The CD burner was replaced..

Computer D – Updated from Windows 98SE to Windows 2000.

Computer E – Had a corrupted AVG Anti-virus program. AVG 7.5 was reinstalled and the member was instructed how to update the Anti-virus program.

December 5, 2007 There were fourteen members in attendance and three computers worked on.

Computer A – Had a pop-up asking the owner to go to registrycleanerxp.com and pay for a registry clean up to improve his computers performance. The owner was unsure whether the pop-up was an ad or a legitimate problem with his computer.

--- continued on pg 4

The members of the Repair SIG ran virus scans and spyware scans and found several entries relating to registry-cleanerxp.com. After running the scans and solving the problems found, the pop-up disappeared. ZoneAlarm Free was installed as a software firewall on the member's computer to prevent future infestations.

Viruses and spyware can quickly infect your computer, even if you are using Dial-up. It is very important to use anti-virus software and a firewall on your computer **AND** update it regularly. An out of date anti-virus program is almost as bad as none at all. If you have pop-up messages like the one repaired at the December meeting, either bring your computer to the Repair SIG meeting or post a question about your pop-up to the LCCS Web board. Someone there will be able to tell you if your ad is a genuine problem or a scam.

Computer B – Replaced Dial-up modem. The old modem was recognized by the computer but could not access the internet.

Computer C – Installed Firefox 2.0 on the computer. The owner wanted to play media files over the internet but the Website did not work with their Web browser. It was discovered after Firefox was installed that they were only using Internet Explorer 5.0, which was not supported by the Website the owner was trying to access. Internet Explorer 6.0 was then installed on the computer. After the installation, the Website could be accessed from both browsers. The installation of IE6 also solved a problem with Yahoo messenger.

Saturday Repair SIG

Wyn Davies, SIG Leader
No Reports

Linux SIG

Jim Amore SIG Leader
Written by John Kennedy

December 2, 2007 The Linux SIG met with seven in attendance including two guests who became members before they left.

A member had a laptop that had Windows loaded on it and wanted to try out “dual booting” with Linux (Ubuntu). A lesson was learned the hard way when we accidentally combined two steps into one. The first step in dual booting is to free up hard drive space and then create a new partition with a different file type. But we created the new partition within the old partition and changed the file type. After doing this, Windows would

no longer boot. So we had to reinstall Windows. The member was told to have a “clean” laptop before we started. Then we could resume adding another operating system. After Windows was reinstalled (which takes a lot longer than installing Linux), we proceeded using all the steps in order. The member now has a laptop that can boot into Windows or Ubuntu. We modified the boot program to have Windows be the automatic/default OS as opposed to Linux being the default. We also added the KDE desktop as he likes that one better than the Gnome desktop that comes with Ubuntu. It would have been easier to have just installed Kubuntu in the beginning (which is what he ended up doing at home as KDE and Gnome were not nice to each other). Another member had an older refurbished computer that he wanted to experiment on with Ubuntu. We discovered that the newer versions of Ubuntu 7.10 and even 6.06 wouldn't load correctly (we decided it didn't have enough RAM to run the LiveCD). So we downloaded the “alternative CD”, which is the regular installation CD that doesn't require as much RAM and were able to install Ubuntu. It was a good experience as many of us have not used this installation method and found it actually is quite simple. The next meeting was scheduled for the Sunday before Christmas and those member in attendance voted to cancel it.

December 23, 2007 Meeting cancelled

Networking SIG

Kemp O'Dell, SIG Leader
Written by Kemp O'Dell and Dave DeRolf

October 8, 2007

There were seven people in attendance. They reviewed JC Deck's home network to help resolve getting computers connected to the wireless router to talk to the computers connected to the other router.

November 12, 2007

There were six people in attendance. We reviewed the steps to add a printer to the network with a network card. We added the printer to the Vista machine with a TCP/IP port.

December 2007

The group worked with Everett McKee and J. C. Deck attempting to get their two computers to communicate to each other prior to their General Meeting presentation on December 18th.

Digital Imaging SIG

David Clement SIG Leader Written by Ron Sherwood

October 9, 2007

The October meeting started with a review of photos submitted for the theme “water.” While water appeared prominently in many photos — water falls in the Hocking Hills, waves and the beach, and the Japanese Garden at The Dawes Arboretum — SIG members Gina Buckey and Ron Sherwood made a broader interpretation. Gina submitted images of the artistic arches of the Fifth Street bridge in Columbus, images taken from under the bridge. Ron offered “portraits” of colorful fire hydrants and water valves.

SIG leader David Clement then continued his review of the menu selections in Paint Shop Pro XI.

November 13, 2007

After reviewing the monthly photos submitted by LCCS members for the theme “autumn color”, SIG leader David Clement demonstrated how to create and save a script using Paint Shop Pro XI (PSPXI). Scripts are simply a series of commands that are saved in a file to be used again. For example, the user might regularly resize images to 4x6 and place a black border around them. All the steps needed to make these adjustments can be saved to a script. Then, next time the user wants a 4x6 with black borders, it’s a simple matter of running the script to quickly complete all the steps.

After David demonstrated scripts, SIG member Ron Sherwood showed members how to use those scripts on multiple files (a batch of files) at once. Using Batch Processing application within PSPXI, the user selects all the files to modify, the script to use, where to save the modified files and runs the batch. The process applies all the commands in the script to the selected files. Batch processing can be a super time-saver if a user frequently applies the same modifications to large numbers of files.

SIG member John Kennedy closed the evening’s learning by creating a black and white image with just some color. Starting with a color image, John created a black and white “layer” over the color layer. Using the erase tool, he removed sections of the black and white layer where he wanted color. Erasing the black and white allowed the color layer beneath to show through, adding selected color to the otherwise black and white image.

December 11, 2007

After reviewing photos submitted by LCCS members for the December theme “Get Close”, SIG member Ron Sherwood led a discussion of some terms commonly used in digital image processing. SIG member John Kennedy asked about saturation, luminance, opacity, tolerance, and hue; and their application in digital imaging. SIG leader David Clement and Ron provided some definitions of the terms and demonstrated their use in Paint Shop Pro XI (PSPXI). John also asked about enlarging the “canvas,” that is, the overall size of the graphic, borders and all, without making the image larger. Ron demonstrated enlarging the canvas and placing the image at various locations on the larger background, then adding descriptive text.

David closed the evening by showing how he had restored a drawing his son made many years ago. The “before” drawing showed damage where paint had cracked from water contact. Using the clone tool, David covered the damage. The “after” image looked as good as new.

David also showed how the clone tool and blemish fixer can be used to soften lines to improve portraits.

In addition to the regular SIG meetings, SIG leader David Clement scheduled two outdoor photo shoots. David invited members to join him at Wildcat Park in Newark for some outdoor shooting in October. The park’s location along the North Fork of the Licking River provided an opportunity to experiment with various shutter settings to capture water flowing over the dam at the water treatment plant. Wildflowers, waterfowl, and the fall colors added to the photo possibilities.

David led a short walk through Flint Ridge Park in October. Even though the leaves were slightly past their peak, there were plenty of opportunities for colorful landscapes. The shade and dappled lighting in the woods challenged the abilities of the cameras and photographers to get proper exposures. David explained that spot or at least narrow angle exposure meters can aid in situations where bright sunlight mixes with deep shade, conditions one often finds in the woods.

With winter and its unpredictable weather upon us, new field trips will be on hold until spring.

NEWS FROM APCUG



From January 2-6, 2008 Jim and Jaki Amore and Gina Buckley will be attending the APCUG Convention in Las Vegas, Nevada.

LCCS MEMBERS SPEAK

Ohio LinuxFest '07

By John Kennedy

I had the opportunity to attend this year's Linux and Open Source Software Conference and Expo in Columbus Ohio Sept. 29th. I took J. C. Deck with me and we met Jim Amore at the conference. I was very glad I went and sorry that I didn't go last year (and am already planning on going next year). This conference focuses on the Linux Operating System (regardless of which version it comes in), along with sessions about the latest offerings and trends in Free Open Source Software (FOSS). Linux is the "engine" to an operating system as the engine is to a car. There are many different versions of cars built by the same company (Caddies, Buicks, Pontiacs, and Chevies) that might use the same engine, and there are different versions of Linux (Ubuntu, Red Hat, SuSE, Linspire) that all use the same source code.

One of the major features of an operating system like Linux is it's always being upgraded and improved; in addition to it being a FREE operating system. On the average, a new version comes out every 6 months. The morning keynote speaker pointed out that while Microsoft had 5 years between the arrival of XP and Vista, Linux has had many revisions (and improvements) over that same 5 years.

After the keynote speaker, the conference is set up with 6 different session times and 4 offerings each. There was an evening keynote speaker, but we didn't stay for that. One of the offerings each session was a "company solutions" session. I went to the first one (as JC and Jim went to another) to hear an interesting presentation from HP about how much "open software/Linux" they actually use in their company (not just Microsoft software). I was quite surprised. The session the others went to was about all the electronics that are now being able to run by themselves without a computer because these systems are built with an internal Linux operating system. An example would be the DVR boxes you have from your cable companies that can record shows (yea, VCR's can do that), but can pause the action and then pick back up when you are ready. Even some cell phone type devices are running internal Linux operating systems..

Some of the sessions were geared to beginning users (and JC and Jim found out that it was really for beginners), while others were for the advanced users (and JC and I found we were in one over our head). But no matter which session we went to, we learned something.

On top of the Linux operating system, sits one of two variations of a desktop and tons of included software (all free). I went to the session on the Gnome desktop (which is what I happen to use with Ubuntu) which has just come out with it's newest version (again about every 6 months). There's just too much to list all the improved and new features that come with this desktop. I will say that when you go with Linux/Gnome you get just about everything you need installed. It comes with a browser (Firefox), e-mail/calendar suite (Evolution), productivity suite (OpenOffice), lots of graphic and audio programs, and lots and lots of games.

The other big news (and one of my sessions) was introducing the new version of OpenOffice that was released the previous week. With it already containing a word processor, spreadsheet, presentation program, and drawing program; a database program has been added. The combined package equals what you get with Microsoft Office yet it is offered for free. One special feature with OpenOffice is that it can save files as both "open document files", but also as Microsoft files. OO can read MS files, but MSOffice can't read OO files.

Along with the sessions, we checked out quite a few of the vendors and displays about hardware and software for Linux and Open Source Software. We were able to pick up some sample CD's with some of the free software. Some of us were lucky enough to even get Frisbees, little stuffed penguins (mascot of Linux), T-shirts, and hats.

Although we didn't stay for the whole conference, as our heads were beginning to spin, we were very surprised as to the number of people that are involved with the Linux and Open Source Software projects. Next year I plan on staying for the whole day, even if stuff starts leaking out of my head.

LCCS RECYCLING EVENT

By Jim Amore

The LCCS recycling events have been able to produce some profit for the society. Along with the general public giving donations when they drop off items, we had a donation from our recycler of \$900.00 and a grant from Best Buy of \$500.00. We are also getting some computers and parts to reuse for the MAR (Microsoft Authorized Refurbisher) program. Our next Recycling Event will be May 2 and 3, 2008. Hope to see everyone there and bring a friend.

Spreading the Good News

by Deirdre Mc Intyre, Research Librarian

Some people place a toe in the 'technology' pool and shiver a bit muttering savagely all the while under their breath while others just dive in like natural born swimmers. Whichever category you place yourself in, the Computer Society of Licking County will accommodate each and every one. My introduction to the great work done by the Licking County Computer Society was when Vicky Atkins, a member of the Society, would drop off the wonderful newsletter for our public library. We in the research department keep a copy of most of our community newsletters for patrons to browse through. The LCCS newsletter sells the society itself, the wonderful programs and presentations described therein were practical and informative and impressed me. Their repair SIG makes the annual membership of \$24 worth it alone. The Newark Public Library research librarians, who have twenty Internet terminals to monitor on our floor, are always encountering computer novices and those that want to learn more about their computer and how to get the most out of it. While I'm not one to burst the bubble that librarians are fountains of great knowledge, few of us are computer gurus. A great local computer society provides a destination for all those detailed questions we do not have the expertise or frankly the time to answer. The fact that we are aware of their existence and pass this on to the library patrons means it also helps increase membership for the society, which is, of course important, too! I oversee the computer book section on the second floor of our main library and a year ago I began to display in holders multiple copies of the society's newsletter as well as their applications for new members. It is a perfect spot for befuddled, library patrons expecting to have to plow through a book looking for answers to discover that there are indeed live human beings, who organize themselves and try to get together and figure out the Information Age, one byte at a time.



Like a born-again Christian, I find myself announcing this piece of good news to everyone who will listen to me rapture about this wonderful local society. I have pestered my colleagues on the research department to invoke the name of the society when patrons start treating them like Bill Gates. It is a partnership that is truly made in heaven and I would certainly encourage other computer societies to approach their local public and university libraries and offer to display information on their services in an appropriate area such as the computer section. Most research librarians will readily appreciate this extra resource in their community and many societies may find their membership growing rapidly with this extra exposure.

TIP OR TREAT

HELP!! ----- "Do It Yourself" Computer Maintenance.

by Don Furnish

At the November '07 LCCS General Membership meeting, I spoke of assembling a 3-ring notebook called "HELP", with basic information to help anyone determine "what happened" when a computer decides to stop working. The following links will take you to the sites that may help you solve problems.

www.microcenter.com/random_access/newsletters, has articles relating to: Sharing Wireless Internet Connection(s), Disabling Startup Items in Win XP, Software Updates, Data Backup and Archiving, using Remote Desktop, and System Performance.

www.microcenter.com/understand_tech, has additional articles relating to: Backups and Archiving, Using Windows Backup, Using XCOPY to Backup, Using Win XP Fast Wizard, Windows XP Networking, and Wireless Security.

www.microcenter.com/understand_tech/article/troubleshooting_guide.html has a detailed six (6) step guideline that includes various charts and helpful information to use when trying to solve problems.

www.tigerdirect.com/static/html/troubleshooting.html has information regarding General Troubleshooting.

www.tigerdirect.com/static/html/harddriveguide.html has a good article about buying a Hard Drive.

And to help you install that new hard drive there is very good guide located at:

www.tigerdirect.com/static/html/hdinstall.html.

What's Happening

By John Dovjak

A verbal request was received from the Jacksontown United Methodist Church for computers. They were told the LCCS should be able to provide five complete units. I delivered three on November 2 and two on November 26. These computers had the Windows 2000 operating system installed on them.

A thank you letter was received in early December stating the computers were being used for the Lakewood SAC, an after school program. The students have to complete their homework assignment first before using the computers to "play" math and science games.

Planning is underway for a beginner's computer course. They have an instructor who is developing the course outline and are hoping to begin classes in early January.

Report of the LCCS/LCAP

Teaching Program Committee*

December, 2007 Written by Phyllis Hartroft

Change in Membership Requirement for Teachers and Aides

It has always been the policy of the LCCS/LCAP Teaching Program that teachers and aides be members of LCCS. The reason for the policy is to assure that LCCS has the responsibility for teaching quality and uniformity among the classes. Teaching senior citizens, especially older ones, can sometimes be very challenging.

However, the membership requirement makes it difficult to recruit fresh teaching staff. At the last meeting of the Teaching Program Committee, a proposal was drafted and then passed by the LCCS Executive Committee on November 20, 2007. Essentially, it is as follows: A teacher will receive a free membership for one year starting with the beginning date of his/her class (e.g. January 7, 2008). We will offer an associate membership to aides who have stayed the course and fulfilled a 7 week, 2 hour per week

time-frame. Associate members will not be permitted to vote at General Membership Meetings, but will receive "The Random Bits" newsletter and monthly reminders. They may also attend Special Interest Groups (SIGs) as often as desired.

This new policy will make it easier to attract new teachers and aides as well as giving something in return for their dedicated work.

Other ways of acquiring more teachers include the "replace yourself" idea, whereby the teacher encourages an aide to teach the class.

Teaching Guidelines

Manuals. Teachers are expected to follow the manuals for the classes and not digress into other hardware or software programs. Questions unrelated to the lesson plan should be handled after class, by phone, or by email. The manuals have been developed over the years, updated when necessary, and adapted for ability of the students. When necessary, they are edited with the specific comments and suggestions of the teachers and aides, submitted in writing to the editors. For the Beginning and Beyond the Basics classes, editing is done by Mary Ossa and Phyllis Hartroft. In other classes, editing is the responsibility of the teacher(s) of those classes (e.g., Email and Internet).

Requirements for Students

These have not changed since the previous article in *Random Bits* (<http://www.lccsohio.org/newslett.htm>), click on Fall, 2007). One exception is Beyond the Basics, which required Microsoft Office or Microsoft Works on the students' home computers. Because of the extra expense if the students do not already have one of these programs, we decided to use Open Office, a free program that can easily be installed. We will have the program, along with installation instructions, available to registered students.

Students should register for classes in person at Zerger Hall Senior Center, 745 E. Main St., Newark, OH 45055. A \$10 fee is required to cover expenses (manual etc).

If you would like to volunteer as a teacher or aide in the teaching program, please contact George Hreha, 740-924-1925, ghreha@columbus.rr.com.

*Teaching Program Committee: George Hreha (Chairman), Mary Ossa, Phyllis Hartroft, Dave Bibler, John Dovjak, Dave Clement



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