

## **Windows**

This appendix contains a list of resources to support learning and using Microsoft Windows. With Windows becoming accepted as a standard for PC computing, many enhance the Windows experience. Microsoft also offers a wide array of support services.

Because there so many companies providing Windows-related products and services, it of value. If this is updates of the Directory. You can fax them to us at 206/883-8101, or send suggestions to:

Windows Resource Directory Updates, 3/2  
Microsoft Corporation  
One Microsoft Way  
Redmond, WA 98052-0399

### ***Contents of the Resource Directory***

---

Microsoft Support Services  
Windows for Foreign Languages  
Microsoft Consulting Services  
Microsoft Consultant Relations Program  
Microsoft Certified Professional Program  
Microsoft Authorized Training Centers  
Independent Training  
Support Coordinator Training  
Disks, Tapes, and Videos Training  
Microsoft University  
Online Services  
User Groups  
Hardware Support  
Reference Materials

## **Microsoft Support Services**

---

The following numbers can be called for assistance with using Microsoft Windows.

### **General Support**

Microsoft  
206/637-7098  
Windows 3.0 support

Microsoft  
206/637-7098  
Windows Environment

### **Applications Support**

Microsoft  
206/635-7070  
Excel for Windows support

Microsoft  
206/635-7145  
PowerPoint for Windows support

Microsoft  
206/646-5100  
WinStart: for corporate named accounts

Microsoft  
206/462-WORD  
Word for Windows support

Microsoft  
206/635-7130  
Works for Windows support

## **Windows for Foreign Languages**

---

Windows is currently available in Chinese, Danish, Dutch, Finnish, French, German, Hanguel, Italian, Japanese, Norwegian, Portuguese, Spanish, and Swedish. Microsoft has also scheduled with the release of Windows 3.1 Arabic, Czech, Hebrew, Hungarian, Russian, Thai,

*Windows Resource Kit*

Turkish, Bahasa Malaysia, Bahasa Indonesia, and Polish.

## **Microsoft Consulting Services**

---

Microsoft Consulting Services (MCS) is aimed at helping you develop and manage a technology plan that gets your company off to a fast start. Our experienced staff helps with planning, management education, training—everything you need to successfully implement new technology. MCS helps to design and develop custom systems and to train thousands of employees.

MCS Australia  
PO Box 91  
North Ryde, New South Wales 2113  
Australia  
61/2/870-2200  
61/2/805-0979 (fax)

MCS Boston  
9 Hillside Ave  
Waltham, MA 02154  
617/487-6400  
617/487-7925 (fax)

MCS England  
Microsoft Place  
Winnersh,  
Wokingham, Berkshire, RG11 5TP  
United Kingdom  
44/734 270001  
44/734 270002 (fax)

MCS Germany  
Edisonstr. 1  
D-8044 Unterschleissheim  
Munich, Germany  
49/89/317-050  
49/89/317-05100 (fax)

MCS San Francisco  
One Market Plaza, Suite 1550  
Spear Street Tower  
San Francisco, CA 94105  
415/905-0235  
415/905-0236 (fax)

## **Microsoft Consultant Relations Program**

---

The Microsoft Consultant Relations Program (CRP) is designed for independent microcomputer consultants to help maximize the success of their business. In the program there are Associate consultants and Partner consultants. To qualify as an Associate CRP consultant you must first pass the Microsoft Certified Professional exams for MS-DOS/MicroHardware and Microsoft Windows, and submit an application. To qualify as a "Partner," you must first be an Associate and then take an application specific exam (for example, MS Excel and MS Word for Windows), submit sample code, references, and an application.

As an "Associate," you will receive substantial discounts on selected Microsoft products, a quarterly newsletter, a private CompuServe forum, and priority access to Microsoft technical support. As a "Partner," you also receive business referrals, beta testing opportunities, a regular monthly CD-ROM disk containing selected products and the contents of the Microsoft technical support database, and a license to use the "Microsoft Consultant Relations Partner" logo. For more information, call 800/227-4679.

If you are a customer in need of assistance from a Microsoft Consultant Relations Partner, please call 800/227-4679 and ask for the CRP Referral Specialist.

---

## Microsoft Certified Professional Program

### Microsoft Windows

#### Operating System Version 3.1 Administration Exam Topics

If you're a support coordinator, support engineer, systems engineer, reseller sales support engineer, consultant, network administrator, or anyone else who must gain and display technical expertise in Microsoft Windows, you should become a Microsoft Windows Certified Professional. Current certification Windows version 3.1 — demonstrates that you are the source

When a new version of Windows is released, you will be notified and you will be given the allotted time to complete any new requirements to maintain current certification status.

Upon successful completion of the Microsoft Windows Certified Professional requirements, you will receive a Welcome Kit that contains a Membership Card, Product Certification Certificate, CompuServe Intro Kit, product specific newsletter, a listing in the Microsoft Certified Professional Directory, and more.

To obtain the latest Microsoft Certified Professional brochure or if you have any questions about the Microsoft Certified Professional Program, please call Microsoft Inside Sales — System Software at 800/227-4679.

#### Installation and Setup

MS-DOS Mode and Windows

Mode installation events

Customizing Setup

Express and Custom Setup

SYSTEM.INI, WIN.INI, and

PROGMAN.INI

#### The Windows Files

Windows core components

Dynamic-link libraries

Files required for Windows

to run in standard mode

Files required for Windows

to run in 386 enhanced mode

#### Memory Management

Conventional, expanded, extended, and virtual memory

Loading MS-DOS into the HMA

and advantages of MS-DOS 5

UMB: characteristics, loading device drivers

Standard mode: characteristics, minimum memory and hardware requirements

386 enhanced mode:

characteristics, minimum memory and hardware requirements

Using conventional, expanded, extended, and virtual memory

Expanded memory LIM 3.2 and 4.0 specifications

Swap files

Temporary and permanent swap files

HIMEM.SYS in Windows

EMM386.EXE in Windows

SMARTDRV.EXE in Windows

Windows system resources

#### Fonts and Printing

Typefaces and fonts

Windows screen font and a

Windows printer font

Raster and vector screen fonts

TrueType fonts and standard fonts

Types of Windows printer fonts

LPTx.DOS port

Supporting COM3 and COM4

with Windows

#### Non-Windows Applications and PIFs

PIFs and PIF editor

Levels of non-Windows application

support provided in standard

mode and 386 enhanced modes

\_DEFAULT.PIF

#### Networks

Installing and sharing Windows on a network

Setting up a Windows workstation with Windows installed locally

Setting up a diskless

Windows workstation

Locations of each of the key files if running Windows from an attached file server

Advantages and disadvantages of setting up a network with Windows installed locally or from a file server

Network persistence feature of Windows

Winnet API

Network drivers and virtual network driver

## Microsoft Authorized Training Centers

Microsoft Authorized Training Centers offer the most up-to-date Microsoft product information, courseware, and instructional techniques. Accreditation and support from Microsoft is your assurance of training that meets the highest professional standards. In addition to user training, most Authorized Training Centers offer a variety of services, including customized training, training of trainers, courseware development, computer-aided training services, and other out-of-classroom support.

To maximize the powerful productivity of Microsoft software, contact your nearby Microsoft Authorized Training Center by calling 800/426-9400.

### ATC Training Services and Products

The following is a list of Authorized Training Centers (ATCs). This list is current as of February 10, 1992. For an up-to-date listing of the Microsoft third-party training organizations, please call Microsoft Sales and Services at 800/227-4679.

#### Alabama

ExecuTrain of Birmingham  
2 Chase Corporate Dr., Suite 240  
ExecuTrain, AL 35244  
205/987-9877

#### Arizona

Computer Advantage, Inc.  
1855 W. Baseline  
Mesa, AZ 85014  
602/897-1919

#### Computer Support Professionals

4545 N. 12th St., Suite B  
Phoenix, AZ 85014  
602/285-0655

ExecuTrain of Phoenix  
1101 N. 44th St., Suite 150  
Phoenix, AZ 85008  
602/231-0406

Mesa Community College  
145 N. Centennial Way  
Mesa, AZ 85201  
602/461-4965

Typetronics  
5717 N. 7th St.  
Phoenix, AZ 85014  
602/274-7253

WJM Computer Sales  
3001 N. Stone Ave.  
Tucson, AZ 85705  
602/792-4220

#### California

Abacus, Inc.  
514 Bryant St.  
San Francisco, CA 94117  
415/759-2481

ABC Schools/ACT Training  
4560 Alavarado Canyon Rd.  
San Diego, CA 92120  
619/280-9933

Accelerated Computer Training  
3255 Wilshire Blvd., Suite 903  
Los Angeles, CA 90010  
213/388-0551

Agenda Business Center  
111 N. First St.  
Burbank, CA 91502  
818/843-7954

Catapult  
1 Market Plaza Stewart Tower  
San Francisco, CA 94105  
415/543-5400

Catapult  
3333 Michelson Dr./Office Tower  
Irvine, CA 92715  
714/261-0477

#### Computer City SuperCenter

Village Shopping Center, 7901  
Garden Grove, CA 92641  
800/544-2936

Developed Computing  
13315 Washington Blvd., Suite 203  
Los Angeles, CA 90066  
213/827-0303

Dublin Group, Inc.  
4633 Old Ironside Dr., Suite 420  
Santa Clara, CA 95054  
800/434-8344

Dublin Group, Inc.  
100 1st Street, Suite 350  
San Francisco, CA 94105  
415/227-4777

ExecuTrain of Los Angeles  
1055 Wilshire Blvd., Suite 800  
Los Angeles, CA 90017  
213/482-3030

ExecuTrain of San Diego  
5375 Mira Sorrento Place  
San Diego, CA 92121  
619/552-8800

ExecuTrain of San Jose  
25 Metro Dr., Suite 620  
San Jose, CA 95110  
408/436-7990

ExecuTrain of Santa Ana  
4 Hutton Centre Drive #670  
Santa Ana, CA 92715  
714/540-6440

Informative Edge  
100 Bush Suite 845  
San Francisco, CA 94104  
415/392-5544

InfoTec Training Institute  
5201 Great America Pkwy, Ste. 254  
Santa Clara, CA 95954  
408/562-6272

Innovative Solutions, Inc.  
1320 National Drive  
Sacramento, CA 95834  
916/928-1700

Institute of Computer Technology  
589 W. Fremont Ave/PO Box F  
Sunnyvale, CA 94087

408/786-4291

**ATC Training Services,  
continued**

Learnsoft, Inc.  
5880 Oberlin Drive, Suite 600  
San Diego, CA 92121  
619/546-1400

MacMentor  
2880 Zanker Rd., Suite 107  
San Jose, CA 95134  
408/433-0990

New Horizons Computer  
Learning Center  
1231 E. Dyer Rd., Suite 140  
Santa Ana, CA 92705  
714/556-1220 x118

PC Etcetera, Inc.  
690 Market Street  
San Francisco, CA 94104  
415/291-8585

Productivity Point Intl.  
Training World  
562 Missions St., Suite 400  
San Francisco, CA 94105  
415/243-0100

Quickstart Computer Training  
5862 Bolsa Ave #103  
Huntington Beach, CA 92649  
714/894-1448

Synrgy Computer Training  
225 S. Lake Ave., Suite 401  
Pasadena, CA 91101  
818/356-0380

The Training Alternative  
50 First St., Suite 505  
San Francisco, CA 94105  
415/442-0101

**Colorado**

Productivity Point International  
4500 Cherry Creek Dr. S., Ste. 22  
Denver, CO 80222  
303/756-5756

Random Access  
2370 S. Trenton Way  
Denver, CO 80231  
303/745-9600

SofTeach  
3801 E. Florida Ave., Suite 504  
Denver, CO 80210  
303/759-1127

**Connecticut**

CPCE, Inc.  
One Corporate Drive, Suite 310  
Shelton, CT 06484  
203/925-0400

CPCE, Inc.  
148 Eastern Blvd., Suite 210  
Glastonbury, CT 06033  
203/633-0400

ExecuTrain of Fairfield  
Five High Ridge Park  
Stamford, CT 06905  
203/322-8444

Information Products, Inc.  
17 Connecticut S. Dr.  
East Granby, CT 06026  
203/653-7822

Sys-Ed Microcomputer  
Learning Centers  
3001 Summer Street  
Stamford, CT 06905  
203/356-1230

**District of Columbia**

Applied Technology Assoc., Inc.  
1612 K Street NW, Suite 802  
Washington, DC 20006  
202/293-0909

Future Enterprises, Inc.  
1331 Pennsylvania Ave NW  
Washington, DC 20004  
202/662-7676

Personal Computer  
Learning Centers  
1101 17th Street NW #411  
Washington, DC 20036  
202/452-0888

**Delaware**

Online Consulting, Inc.  
913 Market Street Mall  
Wilmington, DE 19801  
302/658-3018

Ziff Technologies  
1001 Jefferson St., Suite 100  
Wilmington, DE 19801  
302/428-1330

**Florida**

Computer Savvy, Inc.  
2382 W. Oakland Park Blvd.  
Ft. Lauderdale, FL 33311  
305/486-0644

Computer Tutors USA, Inc.  
1242 Tiimberlane Rd.  
Tallahassee, FL 32312  
804/668-4090

ExecuTrain of Florida-Miami  
8240 NW 52nd Terrace, Suite 305  
Miami, FL 33166  
305/470-2001

ExecuTrain of Florida-Orlando  
604 Courtland Street, Suite 150  
Orlando, FL 32804  
407/740-7762

ExecuTrain of Florida-Tampa  
4300 W. Cypress St., Suite 455  
Tampa, FL 33607  
813/878-2000

MicroAge  
1335 Gateway Dr., Suite 2008  
Melbourne, FL 32901  
407/724-4691

**Georgia**

Caber Systems, Inc.  
3159 Campus Drive  
Nordcross, GA 30071  
404/840-0067

Computer Essentials  
6 Executive Park Dr., Suite 110  
Georgia, GA 30329  
404/633-3046

Executive Development Group, Inc.  
1950 North Park Place  
Atlanta, GA 30339  
404/952-3030

ExecuTrain of Atlanta  
1000 Abernathy Road  
Northpark 40  
Atlanta, GA 30328  
404/396-9200

Micro Center Education  
1221 Powers Ferry Road  
Marietta, GA 30067  
404/859-1545

**ATC Training Services,  
continued**

Software IQ  
7000 Central Parkway, Suite 1000  
Atlanta, GA 30328  
404/698-0800

**Hawaii**

Computer Training Academy  
810 Richards Street, Suite 123  
Honolulu, HI 96813  
808/531-0575

**Idaho**

ComputerLand  
The Learning Center  
4795 Emerald, Suite A  
Boise, ID 83706  
208/345-8024

**Illinois**

Catapult  
1501 E. Woodfield Rd. Suite 105  
Schaumburh, IL 60173  
708/619-4216

Computer Support Centers/Satellite  
108 Wilmot Rd., Suite 390  
Deerfield, IL 60015  
708/405-0545

Computer Support Centers  
890 E. Higgins Rd., #156  
Schaumburh, IL 60173

Crawford & Associates, Inc.  
6250 River Road, Suite 12-150  
Rosemont, IL 60018  
708/698-6670

ExecuTrain of Rolling Meadows  
1600 Golf Rd., Suite 500  
Rolling Meadows, IL 60008  
708/806-6515

Productivity Point International  
208 S. LaSalle St., Suite 526  
Chicago, IL 60604  
312/332-3865

Productivity Point International  
1419 Lake Cook Rd., Suite 390  
Deerfield, IL 60015  
708/940-8495

Ziff Technologies  
111 W. Washington St.  
Chicago, IL 60602  
312/807-4949

**Indiana**

ExecuTrain of Indianapolis  
9100 Keystone Crossing, Ste. 750  
Indianapolis, IN 46240  
317/574-7057

LMB Microcomputers  
6330 E. 75 St.  
Indianapolis, IN 46250  
317/849-4999

**Iowa**

ComputerLand of Iowa City  
5 Sturgis Drive  
Iowa City, IA 52246  
319/351-4849

**Kansas**

ExecuTrain of Kansas City  
6900 College Blvd., Suite 670  
Overland Park, KS 66211  
913/451-2898

Haddock Computer Center  
PO Box 68440  
Wichita, KS 67208  
316/683-5211

Productivity Point International  
505 N. Murlen Road  
Olathe, KS 66062  
913/829-7300

**Louisiana**

ExecuTrain of New Orleans  
1450 Poyoras Street, Suite 610  
New Orleans, LA 70112  
504/593-2200

**Maine**

Professional Learning Center  
2385 Congress St.  
Portland, ME 04102  
207/772-2335

**Maryland**

ExecuTrain of Baltimore  
1829 Reisterstown Rd., Suite 360  
Baltimore, MD 21208

410/602-0200

Image Tech., Inc.  
7257 Parkway Dr., Suite 100  
Hanover, MD 21076  
410/712-4146

Washington Information Systems  
2316 Price Ave.  
Wheaton, MD 20902  
301/949-8500

**Massachusetts**

Boston Center for  
Computer Applications  
336 Newbury St.  
Boston, MA 02115  
617/247-0538

Catapult  
888 Washington St., Suite 120  
Dedham, MA 02026  
617/329-3290

Computer Tutor Corporation/PPI  
3 Newton Executive Park  
Newton Tower, MA 02162  
617/964-5858

Professional Development  
Group, Inc.  
99 Bedford Street  
Boston, MA 02111  
508/872-1499

Professional Development  
Group, Inc.  
160 Cochituate Road  
Framingham, MA 01701  
508/872-1499

Ziff Technologies  
1601 Trapelo Road  
Waltham, MA 02154  
617/890-0009

Ziff Technologies  
101 Federal St. 9th Floor  
Boston, MA 02110  
617/345-6731

**Michigan**

Computer City SuperCenter  
Oakland Mall, 637 John R. Road  
Troy, MI 48083  
800/544-2936

Eglehart Training Centers  
2882 Thornhills SE

*Windows Resource Kit*

Grand Rapids, MI  
616/285-6898

**ATC Training Services,  
continued**

ExecuTrain  
25330 Telegraph Rd., Suite 210  
Southfield, MI 48034  
313/352-9210

Midland Computer Shoppe  
244 E. Main Street  
Midland, MI 48640  
517/631-5440

New Horizons/CTSC  
33027 Schoolcraft Road  
Livonia, MI 48150  
313/525-1501

Remex Corporation  
6095 28th St. SE  
Grand Rapids, MI 49546  
616/942-9800

**Minnesota**

Computer City SuperCenter  
Centennial Lakes Plaza, 7491  
Edina, MN 55435  
800/544-2936

ExecuTrain of Bloomington  
8400 Normandale Lake Blvd.  
Bloomington, MN 55437  
612/921-8844

Inacomp Computer Centers -  
Education  
10371 W. 70th Street  
Eden Prairie, MN 55344  
612/828-6784

Productivity Point International  
1700 First Bank West  
Minneapolis, MN 55402  
612/341-0750

**Missouri**

Empower Trainers & Consultants  
4714 Grand Ave.  
Kansas City, MO 64112  
816/333-8646

ExecuTrain of St. Louis  
540 Maryville Centre Dr., Suite 1  
St. Louis, MO 63141  
314/469-9979

Forsythe Computers  
8514 Eager, Suite G  
St. Louis, MO 63144



314/962-9100

Personal Computer Institute  
8961 Page Blvd., Suite A  
St. Louis, MO 63114  
314/426-2200

Systems Service Enterprises, Inc.  
795 Office Parkway, Suite 101  
St. Louis, MO 63141  
314/997-4700

**Nebraska**

Computer Systems, Inc.  
2819 S. 125 Ave., Suite 276  
Omaha, NE 68144  
402/330-3600

**Nevada**

Helpware/Microage  
4084 S. Kietzke Lane  
Reno, NV 89502  
702/828-7000

Professional Computer Training  
3973 S. McCarran Blvd.  
Reno, NV 89502  
702/829-8300

**New Hampshire**

Seacoast Computer, Inc.  
12 Portland Ave.  
Dover, NH 03820  
603/749-6952

**New Jersey**

B & N Technology  
32 Prospect Plains Road  
Cranbury, NJ 08512  
908/329-2349

Computer Applications  
Learning Center  
100 Hanover Ave.  
PO Box 1477  
Morristown, NJ 07962  
201/539-6050

ExecuTrain of  
Northern New Jersey  
8 Campus Drive  
Parsippany, NJ 07054  
201/539-4444

Personal Computer  
Learning Centers  
301 Route 17 North

Rutherford, NJ 07070  
201/939-0003

**New York**

Buller, Owens & Associates  
989 Ave. of the Americans  
New York, NY 10018  
212/695-0755

Compu-Tron  
1620 Burnet Ave.  
Syracuse, NY 13206  
315/471-1953

Computer Applications  
Learning Center  
1285 Ave. of the Americas  
New York, NY 10019  
212/765-9670

Computer City SuperCenter  
SouthTown Shopping Ctr., 3333  
Henrietta, NY 14623  
800/544-2936

Computer City SuperCenter  
Bells/Park Edge Rd.  
2309 Eggbert  
Tonawanda, NY 14150  
800/544-2936

CPCE, Inc.  
500 Fifth Ave., Suite 2400  
New York, NY 10110  
212/840-2470

Custom Computer  
1775 Express Dr. North  
Hauppauge, NY 11788  
516/582-6699

Electronic Directions  
220 East 23rd St., Suite 503  
New York, NY 10010  
212/213-6500

ExecuTrain of Western New York  
403 Main St., Suite 627  
Buffalo, NY 14203  
716/852-6716

Logical Operations, Inc.  
595 Blossom Road  
Rochester, NY 14610  
716/482-7700

Margolin, Winer & Evans  
600 Old Country Road, Suite 210  
Garden City, NY 11530  
516/228-9077

PC Etcetera, Inc.  
462 Seventh Avenue, 4th Floor  
New York, NY 10018  
212/736-5870

**ATC Training Services,  
continued**

PC Learn  
240 West 35th St., Suite 400  
New York, NY 10001  
212/268-7278

PC Skills, Inc.  
4476 Main St., Suite 202  
Amherst, NY 14226  
716/839-1304

Personal Computer  
Learning Centers  
777 Old Sawmill River Road  
Tarrytown, NY 10591  
914/347-3200

Personal Computer  
Learning Centers  
230 Park Avenue  
New York, NY 10169  
212/953-9800

Productivity Point International  
1225 Jefferson Rd.  
Rochester, NY  
716/232-6650

Productivity Point International  
19 West 44th Street  
New York, NY 10036  
212/398-6410

Sage Colleges Institute  
for Computer Education  
140 N. Scotland Ave.  
Albany, NY 12208  
518/445-1707

Tiger Information Systems  
84 William Street, 2nd Floor  
New York, NY 10038  
212/425-2222

**North Carolina**

Computer Co-Op  
300 S. Elliot Rd.  
Chapel Hill, NC 27514  
919/942-7704

Computer Decision, Inc.  
3100 Gateway Centre Blvd.  
Morrisville, NC 27560

919/460-0071

**Ohio**

Auburn Career Center  
8140 Auburn Road  
Concord Twp., OH 4077-97  
800/544-9750

Blue Chip Computers  
3085 Woodman Drive  
Kettering, OH 45420  
513/299-4594

Cap Gemini America  
3 Commerce Park Square, 23200  
Beachwood, OH 44122  
216/464-8616

Computer Business Skills, Inc.  
3055 Kettering Blvd., Suite 210  
Dayton, OH 45439  
513/294-4636

Computrain, Inc.  
6155 Rockside Road #300  
Independence, OH 44131  
216/447-4400

ExecuTrain of Cincinnati  
4555 Lake Forest Dr., Westlake C  
Cincinnati, OH 45242  
513/769-6913

ExecuTrain of Cleveland  
2 Summit Park Dr., Suite 430  
Independence, OH 44313  
216/524-4190

Inacomp Computer Centers  
6 E. Fourth St., Suite 200  
Cincinnati, OH 45202  
513/421-0332

Jakab & Webster, Inc.  
7333 Paragon Road  
Dayton, OH 45459  
513/438-8070

Logtec  
2900 Presidential Dr., Suite 130  
Fairborn, OH 45324  
513/429-2928

Micro Center Education  
11755 Masteller Road  
Sharonville, OH 45241  
513/782-8509

Micro Center Education  
1349 Som Center Road  
Mayfield Heights, OH 44124  
216/449-7016

Micro Center Education  
1555 W. Lane Avenue  
Columbus, OH 43221  
614/481-4407

Micro Computer Center/  
Connecting Point  
1353 Lyons Road  
Dayton, OH 45458  
513/435-9355

Smith/Boehm Associates, Inc.  
150 E. Campus View Blvd, Ste. 26  
Columbus, OH 43235  
614/847-0292

Smith/Boehm Associates, Inc.  
8044 Montgomery Road, Ste. 405  
Cincinnati, OH 45236  
513/891-5212

**Oregon**

Alpha Computers, Inc.  
15110 SW Bangy Road  
Lake Oswego, OR 97035  
503/620-7000

ExecuTrain of Portland  
10220 SW Greenburg Rd., Ste. 535  
Portland, OR 97223  
503/452-6000

Group 3 Consultants  
1201 SW 12th Ave., Suite 310  
Portland, OR 97205  
503/224-4961

Kinetic Computer Solutions  
9225 SW Numbus  
Beaverton, OR 97005  
503/520-0555

Northwest Computer  
Learning Center  
2659 Commercial SE #210  
Salem, OR 97302  
503/362-4818

University of Oregon,  
Continuation Center  
720 SW 2nd St.  
Portland, OR 97204  
503/725-3055

**Pennsylvania**

Computer Resources &  
Training, Inc.  
1617 J.F.K. Blvd., Suite 1145  
Philadelphia, PA 19103

215/569-9100

**ATC Training Services,  
continued**

Gannon University  
Microcomputer Training  
Ste. 101, Rothrock Bldg., 121 W.  
Erie, PA 16501  
814/456-3838

MicroAge  
575 Springdale Drive  
Exton, PA 19341  
215/524-6665

MicroPower Systems  
7942 Saltsburg Road, Route 380  
Pittsburgh, PA 15239  
412/337-0600

Professional Training  
Services, Inc.  
1150 First Ave., Parkview Tower  
King of Prussia, PA 19406  
215/337-8878

Rockey & Associates  
The Farmhouse, 12 Great Valley  
Malvern, PA 19355  
215/640-4880

UBM Training Center  
45 Long Lane  
Upper Darby, PA 19082  
215/352-1444

Ziff Technologies  
Liberty Center-1001 Liberty Ave.  
Pittsburgh, PA 15222  
412/355-0498

Ziff Technologies  
7 Penn Center, Suite 405  
Philadelphia PA 19103  
215/557-7895

Ziff Technologies -- Corporate  
1265 Drummers Lane, Suite 102  
Wayne, PA 19087  
215/293-4625

**South Carolina**

Entre Computer Center  
1850 Sam Rittenberg Blvd.  
Charleston, NC 29407  
803/769-5600

PPI/Computer Consulting Group  
1110 W. Butler Road, Suite C

Greenville, SC 29606  
803/277-2870

**Tennessee**

Computer Learning Center  
134 North Peters Road  
Knoxville, TN 37923  
615/691-1515

ExecuTrain of Memphis, Inc.  
65 Germantown Ct., Suite 201  
Cordova, TN 38018  
901/753-2200

TCBC  
5959 Shallowford, #203  
Chattanooga, TN 37421  
615/899-2464

**Texas**

AMRIS Training Systems  
& Solutions  
4255 Amon Carter Blvd.  
Ft. Worth, TX 76155  
817/963-3520

AMRIS Training Systems  
& Solutions  
1950 Stemmons Freeway, Ste. 303  
Dallas, TX 75207  
214/746-5660

BusinessWare Learning Centers  
6565 West Loop South, Suite 140  
Bellaire, TX 77401  
713/665-1985

BYTE Management, Inc.  
4907 Blue Mound Road  
Ft. Worth, TX 76106  
800/759-9300

CompuServe Systems  
Integration Group  
1950 Stemmons Freeway, Ste. 206  
Dallas, TX 75207  
214/750-3388

Computer City SuperCenter  
Highland Commons  
5775 Airport Blvd.  
Austin, TX 78752  
800/544-2936

Computer City SuperCenter  
Greenspoint Commons  
12061 I-45 N.  
Houston, TX 77060  
800/544-2936

Computer City SuperCenter  
Weslayan Plaza  
3908 Bissonnett St.  
Houston, TX 77005  
800/544-2936

Edutech  
11211 Katy Freeway, Suite 604  
Houston, TX 77079  
713/827-1314

ExecuTrain of Dallas  
12201 Merit Drive, Suite 350  
Dallas, TX 75251  
214/387-1212

ExecuTrain of Texas, Inc.  
2000 Bering Dr., Suite 700  
Houston, TX 77057  
713/784-1818

Learn Easy, Inc.  
5615 Richmond #232  
Houston, TX 77060  
713/783-3279

MBA Seminars, Inc.  
1950 Stemmons Fwy, Suite 5001  
Dallas, TX 75207  
214/746-5350

Napier & Judd  
820 Gessner, Suite 1135  
Houston, TX 77024  
713/467-8300

Napier & Judd, Inc.  
1950 Stemmons Frwy., Ste. 5037M  
Dallas, TX 75207  
214/746-5028

Productivity Point International  
7800 Shoal Creek, #160-E  
Austin, TX 78757  
512/452-1200

Productivity Point International  
8301 Broadway, Suite 120  
San Antonio, TX 78209  
512/828-9000

Software Academy  
14785 Preston Road. #880, LB 58  
Dallas, TX 214/788-1694  
214/788-1694

**Utah**

USA Computer Training Center  
1739 S. Redwood Road  
Salt Lake City, UT

801/972-3422

**ATC Training Services,  
continued****Virginia**

American Computer Institute  
of Training  
105 W. Broad St., Suite 501  
Falls Church, VA 22046  
703/538-2248

Applied Technology Assc., Inc.  
131 Park Street NE  
Vienna, VA 22180  
703/281-7200

Catapult  
2011 Crystal Dr. #608  
Arlington, VA 22202  
703/271-9800

Chaney Computer Associates  
1215 U George Washington  
Memorial  
Tabb, VA 23693  
804/873-1580

ExecuTrain of Washington DC  
1600 Spring Hill Road, Suite 220  
Vienna, VA 22180  
703/506-9800

First Step Computers/MicroAge  
4925 W. Broad St., #406  
Richmond, VA 23230  
804/358-5881

Gestalt Systems, Inc.  
610 Herndon Pkwy., Suite 900  
Herndon, VA 22070  
703/471-6842

Software Control Intern'l, Inc.  
1735 N. Lynn St., Suite 975  
Arlington, VA 22209  
703/528-4008

**Washington**

Catapult  
13000 Northrup Way, Suite 4  
Bellevue, WA 98005  
206/882-2036

Computer City SuperCenter  
Totem Lake Mall, 12526-A  
Kirkland, WA 98034  
206/800/544-2936

Dotson Institute  
2310 130th Ave NE  
Bellevue, WA 98005  
206/882-6030

ExecuTrain of Seattle  
19515 North Creek Parkway  
Bothell, WA 98011  
206/485-2508

Green River Community College  
841 N. Central Ave., Suite 106  
Kent, WA 98031  
206/872-6361

Interface Computer School  
N. 4601 Monroe, 3rd Floor  
Spokane, WA 99205  
509/327-7717

Olympia Computer Central, Inc.  
3700 Pacific Ave South, Suite A  
Olympia, WA 98501  
206/491-8768

**Wisconsin**

ExecuTrain  
300 N. Corporate Drive, Suite 140  
Brookfield, WI 53045

Starting Point, Inc.  
333 Bishops Way, Suite 124  
Brookfield, WI 53005  
414/784-0557

**Independent  
Training Services**

Attar Computer Consulting  
90 Park Avenue 30th Floor  
NYC, NY 10016  
Contact: Alan Attar  
212/543-6623  
Onsite Windows 3.0 and Word for  
Windows training for novice and  
intermediate users.

Cybernetic Research Assc., Inc.  
4 Wheatley Avenue  
Searingtown, NY 11507-1515  
Contact: Steve Lefton  
516/873-9668  
516/248-5990 (fax)  
Onsite Windows 3.0 support for  
novice users.

Finnegan O'Malley & Co., Inc.  
1945 Washington St., 7th Floor  
San Francisco, CA 94109-2967  
Contact: Fran Finnegan  
415/929-7386  
CompuServe: 76244,145  
Provides consulting and contract  
programming services.

Introduction to Windows  
Oxko Corporation  
PO Box 6674  
Annapolis, MD 21401  
410/266-1671  
410/226-6572 (fax)  
Contact: Steven Oxman  
Windows for novice users.

Michael Price Associates  
3517 Edison Way, Suite B  
Menlo Park, CA 94025  
Contact: Michael Price  
415/369-4800  
415/369-1379 (fax)  
Onsite Windows installation and  
consulting services for all users.

Personalize Software, Inc.  
6636 11th Ave N.  
St. Petersburg, FL 33710  
Contact: Joe Poston  
813/343-3488  
Microsoft C for Windows.  
Basic Windows Tutorial.  
Microsoft C for advanced users.

## Support Coordinator Training

### *Inside Windows 3.0*

Nationwide travelling workshops for intermediate to advanced users. Now through May 13, 1992  
Sponsor: Mastering Computers, Inc.  
Continental Plaza  
11000 N. Scottsdale Rd., Ste. 175  
Scottsdale, AZ 85254  
800/800-3436

### *Inside Windows 3.1*

Nationwide travelling workshops for intermediate to advanced users. June 30, 1992 - February 10, 1993  
Sponsor: Mastering Computers, Inc.  
Continental Plaza  
11000 N. Scottsdale Rd., Ste. 175  
Scottsdale, AZ 85254  
800/800-3436

### *International Windows Developers Conference*

Boston, November 11-15, 1992  
Sponsors:  
Microsoft and Boston University  
Contact: Andree Fontaine  
508/649-9731

### *London Windows Developers Conference*

London, February 18-20, 1992  
Sponsors:  
Microsoft and Boston University  
Contact: Andree Fontaine  
508/649-9731

### *Windows Discovery Days*

Nationwide travelling show introducing users to Windows. June 1991 to May 1992  
Sponsor: Microsoft  
800/426-9400

### *Windows World '92*

A comprehensive Windows conference held in conjunction with Comdex. Chicago, April 6-9, 1992  
Sponsor: The Interface Group  
300 First Avenue  
Needham, MA 02194  
617/449-6600

## Disks, Tapes, and Videos Training

### Videos

### Disks

#### *Microsoft Productivity Pack 3.1*

This is a program that provides a complete tutorial for Windows 3.1. It features lesson modules on all of the major Windows components from launching programs to installing new TrueType fonts. For more information or to get the Microsoft Productivity Pack call 800/426-9400 and ask for the reseller location nearest you.

#### *Windows Basics*

Comsell, Inc.  
500 Tech Parkway  
Atlanta, GA 30313  
(404) 872-2500  
(404) 874-0451 (fax)  
Videodisk training for novices.

### Tapes

#### *OneOnOne Computer Training*

A Division of Mosaic Media, Inc.  
2055 Army Trail Rd., Dept. W1091  
Addison, IL 60101  
800/424-8668  
708/628-0550 (fax)  
Cassette tutorial for novice users of Windows 3.0 and 3.1, Word for Windows, and Excel for Windows.

#### *Personal Training Systems*

828 South Bascom Ave., Ste. 100  
San Jose, CA 95128  
408/286-3843  
408/977-1166 (fax)  
Self-paced tutorial.

#### *Fundamentals of Microsoft Windows Programming*

Microsoft, Order No. 157-050V200  
Hands-on video training on beginning programming basics for Windows 3.0.

#### *Getting to Know Windows*

PBU (Power Back-Ups)  
22924 Hartland Street  
West Hills, CA 91307  
818/888-9348  
Introduction to Windows for novices.

#### *Information at Your Fingertips*

Microsoft, Order No. 098-20101  
Bill Gates' keynote speech at Comdex '90

#### *Personal Computing:*

*The Second Decade Begins*  
Microsoft, Order No. 098-25752  
Bill Gates' strategy for the next 10 years of computing.

#### *The Dealer Training Video*

Microsoft, Order No. 098-10771  
A reseller's introduction to Windows.

#### *Windows Video*

Microsoft, Order No. 050-030-570  
Self running Windows introduction.

## Technical Training When and Where You Need It:

### Microsoft University

Microsoft University provides a proven curriculum, skilled staff of experts dedicated to launching courses that meet our customers' needs. Since 1987, over 25,000 software developers, programmers, support and systems engineers, and MIS managers have attended Microsoft University for hands-on technical training.

Microsoft University offers an integrated curriculum on Microsoft Windows, Microsoft Visual Basic, Microsoft C and C++, LAN Manager, Microsoft SQL Server, Microsoft OS/2, and Microsoft OS/2 Presentation Manager.

Microsoft University offers training at ten regional training facilities: Atlanta, Boston, Chicago, Dallas, Los Angeles, New York, San Francisco, Seattle, Toronto, and Washington, D.C., as well as technical training through the Microsoft international subsidiaries.

### A Hands-On Approach to Learning

At Microsoft University, we believe that the proof of excellent training is in a student's ability to apply it. All Microsoft University skill-based courses are lab-based; the labs are designed as an integral part of the course. We provide a unique learning environment and exceptionally qualified instructors who combine real-world experience with academic excellence. Our classrooms are furnished with state-of-the-art hardware and classroom equipment.

### Schedule an On-Site Course at Your Facility or Ours

Based on a survey of hands-on programs, hundreds of companies have found that hosting a Microsoft University course at their location is a cost-effective way to leverage their training dollars. We provide the instructor, student materials, and expertise. On-site training also provides the opportunity to discuss product strategy and design issues more openly than might be appropriate in a more public setting. Companies can rent a classroom in any of our ten regional facilities to host a Microsoft University course for their own employees.

### Video Training: Fast-Forward Your Skill Development

Microsoft University recently introduced a powerful series of technical video courses to give you additional flexibility to meet your ongoing training needs. Video courses are comprehensive, timely, and cost-effective. In addition, they offer an added benefit—a permanent resource for training new employees at a moment's notice. Microsoft University video courses boldly illustrate technical concepts through 3-D animation, lecture, and demonstrations. Hands-on lab exercises and a student guide reinforce the learning experience.

### Custom Courses Expand Your Training Options

Unique training needs call for a custom course -- one developed with your specific goals in mind. Because we work with you to develop cost-effective solutions, you can take full advantage of your initial training investment now -- and in the future. Custom courses may be delivered on-site by Microsoft University or licensed for delivery by your internal training organization.

### Licensing Programs Present a Global Opportunity

Companies that need to train more than 20 employees on Microsoft systems have found many advantages in the Microsoft University licensing program. You receive timely, hands-on technical courses from the vendor of the product while bypassing the high cost of developing your own course. And you have the ultimate flexibility to have your own internal training organization deliver the course at any time, to any number of employees, in any of your offices.

### Management Education Seminars Enlighten Decision Makers

As new platforms mature and economic pressures increase, leveraging your investment in information technology becomes increasingly important. Microsoft University has pioneered a series of high-level executive seminars and video briefings that address the organizational issues, methodology, and life cycles of new information technologies. These seminars are offered as public seminars and are also ideally suited and cost-effective for presentation at your location.

### Training for Developers Using Microsoft Windows 3.1

Microsoft University recognizes the tremendous need for timely, relevant training on the Microsoft Windows operating system version 3.1. We have provided hands-on technical training for Microsoft Windows since its first internal release, and continue to expand our curriculum with courses that provide solutions for your most pressing development needs.

**Fundamentals of Microsoft Windows Programming**

\$1595\* per video course; \$249 each additional set of student materials

This course is for experienced software developers who want to learn the fundamentals of creating applications for the Microsoft Windows operating system. This course covers the material similar to the Microsoft Windows Programming Environment course and prepares students for the Microsoft Windows Programming Advanced Topics course. Instruction is a mix of lecture and hands-on lab work designed to provide a broad-based foundation of programming skills in Windows. In addition to creating basic applications in Windows, students will learn how to use the Windows messaging system; implement basic user interface objects, such as windows, menus, and dialog boxes; and understand basic memory management techniques.

**Microsoft Windows Programming Environment**

Five days, \$1500 per person

In this course, students create a basic application that displays a window. As the course progresses, increasing functionality is added to the application, such as menus, dialog boxes, and text. Students will learn to recognize and apply the basic elements of the Microsoft Windows application programming interface (API). At course completion, students will know how to use the Windows messaging system and basic memory management techniques, implement basic user interface objects, and create basic Windows applications.

**Microsoft Windows Programming—Advanced Topics**

Five days, \$1500 per person

This intensive course is for experienced programmers who want in-depth information on various aspects of development for Windows. Students study user interface con-

siderations, advanced menus, the help system, windowing, user data entry, advanced dialog boxes, multitasking, and the graphics device interface (GDI). At course completion, students will know how to create multiple document interface (MDI) applications, implement dynamic data exchange (DDE), and make full use of memory and the processor.

**Exploring Controls: Video Training for Developers Using the Microsoft Windows Environment**

\$495\* per video course; \$99 each additional set of student materials

This video course is for experienced software developers who want to understand how to implement controls for Microsoft Windows applications. It explores various controls in the Microsoft Windows graphical environment, including buttons, static controls, edit controls, list boxes, combo boxes, scroll bars, and custom controls. Students will learn techniques for creating, managing, and using controls, including advanced techniques to use when a standard Windows control doesn't meet an application's requirements. Technical concepts are visually illustrated through 3-D animation and reinforced with hands-on lab exercises and a student guide.

**Microsoft Visual Basic—Discovery**

Two days, \$600 per person

*Coming Soon!* This course helps students become familiar with the Microsoft Visual Basic programming system. The course covers structured programming and applications development for Microsoft Windows and prepares students to develop prototypes or simple multiple form applications. The Discovery course is the stepping stone to more advanced Visual Basic programming courses.

**Microsoft Visual Basic Programming**

Three days, \$900 per person

This course is for programmers who have experience with structured programming languages and want to develop Windows applications using the Microsoft Visual Basic programming system for Microsoft Windows. The course teaches students the features and capabilities of the Visual Basic programming system, as well as the concepts needed to write sophisticated, event-driven graphical programs.

**Advanced Programming for Microsoft Visual Basic**

Three days, \$900 per person

*Coming Soon!* This course introduces the advanced features of Microsoft Visual Basic. Students learn how to implement object linking and embedding (OLE), multiple document interface (MDI), advanced memory management, and optimization techniques. At course completion, students will know how to use these features, along with other Visual Basic tools, to add advanced capabilities and robustness to their applications for the Microsoft Windows environment.

**Application Development Using Microsoft Excel 4.0**

Three days, \$900 per person

*Coming Soon!* An exciting new course for systems analysts, support engineers, and MIS professionals. The course assumes that students know how to build a simple spreadsheet, format cells, and create charts. Students will learn usage of macro code, dialog boxes, menus, and an introduction to dynamic data exchange (DDE). Students also explore advanced topics such as object oriented dialog boxes. At course completion, students will be able to create robust and flexible applications based on the Microsoft Excel 4.0 macro language.

\* Offer good only in the 50 United States. A charge of \$7.50 shipping and handling, plus applicable state sales taxes, will be added to each video course order.

### **Training for Support Professionals Using Microsoft Windows 3.1**

Microsoft University offers a comprehensive curriculum of hands-on courses to help support professionals optimize and customize computing platforms and improve their troubleshooting skills. These courses are based on Microsoft Windows 3.1, providing a timely opportunity to get a head start on this important new software release.

#### **MS-DOS 5 Installation and Optimization: Video Training for Support Engineers and Advanced Users**

\$149\* per video course

This short video course consolidates all the information support engineers and advanced users need to successfully install, optimize, customize, and support MS-DOS 5 on a group of PCs. The course features live demonstrations, 3-D animation, and screen displays to communicate technical information. Students learn how to optimize MS-DOS 5, automate the installation for multiple machines on a network, and customize the MS-DOS 5 shell to meet an organization's needs. In addition, students will be able to show end-users how they can take advantage of the new features of MS-DOS 5.

#### **Microsoft Windows for Support Professionals**

Four days, \$1200 per person

This in-depth course introduces support professionals to the basic knowledge and skills needed to support users of Windows 3.1. These skills revolve around installation, optimization, customization, and support of the Windows operating system rather than the support of specific applications running under Windows. Students will learn how Windows operates and will be able to optimize and customize Windows, automate the installation process over a network, and troubleshoot common problems encountered by end users. Lectures are supplemented with hands-on lab exercises to help you apply what you've learned immediately.

#### **Upgrading to Microsoft Windows 3.1: Video Training for Support Professionals**

\$395\* per video course; \$99 each additional set of student materials

This fast-paced video course helps experienced Windows 3.0 support professionals learn the new features of Windows 3.1. Students will gain the technical expertise needed to support this upgrade throughout an organization. The course assumes extensive knowledge of Windows 3.0 and focuses on the new features and enhancements of Windows 3.1, including object linking and embedding (OLE), TrueType fonts, and new .INI and .INF files. Students will learn to optimize and customize Windows 3.1, automate the installation process over a network, and troubleshoot common problems encountered by end users. Technical concepts and skills are visually illustrated through demonstrations and 3-D animation, and reinforced through hands-on lab exercises and a student guide.

\* Offer good only in the 50 United States. A charge of \$7.50 shipping and handling, plus applicable state sales taxes, will be added to each video course order.

### **Microsoft University Authorized Training Centers**

Take the Microsoft Windows for Support Professionals course closer to home. Because of student demand, now you can take the Microsoft Windows for Support Professionals course at Microsoft University authorized training centers across the country. The Microsoft University Training Alliance members listed here are licensed to teach this comprehensive course on installing, optimizing, customizing, and supporting the Microsoft Windows 3.1 graphical environment.

Contact these organizations directly for schedule information or to register for a course. Our program is rapidly expanding with new locations. For information on Microsoft University Training Alliance members opening soon in your area, call Microsoft University at 206/828-1507. When your representative answers, please mention Department 812.

#### **East**

CompuServe  
New York, New York  
800/783-7894

CompuServe  
Washington, DC  
800/783-7894

MicroAge of Exton  
Exton, Pennsylvania  
215/524-8585

MicroAge of Exton  
Philadelphia, Pennsylvania  
215/524-6665

MicroAge of Hartford  
West Hartford, Connecticut  
203/233-0011

Professional Computer  
Development Corp.  
Exton, Pennsylvania  
800/766-7232

Professional Computer  
Development Corp.



Mars, Pennsylvania  
800/766-7232

**Microsoft University Authorized  
Training Centers, continued**

**South**

Computer Savvy, Inc.  
Ft. Lauderdale, Florida  
305/486-0644

DCA  
Alpharetta, Georgia  
404/442-4565

Professional Computer  
Development Corp.  
Marietta, Georgia  
800/766-7232

Computer Learning Center  
Knoxville, Tennessee  
615/691-1515

**Southwest**

CompuServe  
Dallas, Texas  
800/783-7894

CompuServe  
Houston, Texas  
800/783-7894

**Midwest**

Applied Computer Services, Inc.  
Orland Park, Illinois  
708/614-4900

CompuServe  
Chicago, Illinois  
800/783-7894

CompuServe  
Columbus, Ohio  
800/783-7894

Connect Computer Company  
Eden Prairie, Minnesota  
612/944-0181

Fourth Wave Technologies, Inc.  
Troy, Michigan  
313/362-2288

LANmind, Inc.  
Chicago, Illinois  
800/325-5267

Professional Computer  
Development Corp.  
Toledo, Ohio  
800/766-7232

Professional Computer  
Development Corp.  
Cincinnati, Ohio  
800/766-7232

Professional Computer  
Development Corp.  
Livonia, Michigan  
800/766-7232

Professional Computer  
Development Corp.  
Mount Prospect, Illinois  
800/766-7232

Professional Computer  
Development Corp.  
Plymouth, Minnesota  
800/766-7232

Professional Computer  
Development Corp.  
Schaumburg, Illinois  
800/766-7232

Systems Evaluation and  
Analysis Group, Inc. (SEAG)  
Springfield, Illinois  
217/523-1717

WORDLINK, INC.  
Champaign, Illinois  
800/359-5620

WORDLINK, INC.  
Schaumburg, Illinois  
800/359-5620

WORDLINK, INC.  
St. Louis, Missouri  
800/359-5620

**West**

American Digital Technologies  
Costa Mesa, California  
714/433-1300

CompuServe  
Los Angeles, California  
800/783-7894

CompuServe  
San Francisco, California  
800/783-7894

Infotec Development, Inc.  
Santa Clara, California  
800/282-7990

Infotec Development, Inc.  
Santa Ana, California  
800/282-7999

Infotec Development, Inc.  
San Diego, California  
800/282-7999

Learnsoft Corporate Training  
San Diego, California  
619/546-1400

Learnsoft Corporate Training  
Newport Beach, California  
714/253-7700

SQLSoft  
Kirkland, Washington  
206/822-1287

WORDLINK, INC.  
San Francisco, California  
800/359-5620

## Online Services

The following are numbers for popular BBSs. These numbers will help you locate the BBS in the country. Listed below each BBS are the appropriate Microsoft Windows environment Windows is available.

Microsoft  
Product Support Services BBS  
206/637-9009

CompuServe  
800/848-8990

WUGNET, the Windows Users Group Network, is a quick independent technical organization of professionals who will help you locate the BBS in the country. Listed below each BBS are the appropriate Microsoft Windows environment Windows is available.

GO WUGNET at any ! prompt.

WUGNET is an international technical organization of Windows professionals covering all aspects of Windows technology and computing. Just type **GO XXXX** where XXXX is the forum name you want to access. And enjoy!

Forum ID	Section vendor name
ADOBE	5 Adobe
	5 Adobe
	7 Adobe
	17 Adobe
	17 Adobe
ACAD	11 Auto Desk
BANFORUM	15 Banyan
BLYTH	2 Blyth
	10 Blyth
BORAPP	14 Borland
	15 Borland
BPROGA	8 Borland
BPROGB	6 Borland
	8 Borland
	10 Borland
	13 Borland
CD-ROM	4 CD-ROM Forum
	12 Nautilus
CENTRAL	9 Central Point
CLMFORUM	9 Computer Lang Mag
DBADVISOR	4 DB Advisor
DIGITALK	5 Digitalk
DTPFORUM	3 Desktop Publishing
	9 Desktop Publishing
DTPVEN	6 Custom Applications
GRAPHVEN	7 Rix Softworks
GUPTA	Gupta Support BBS
	Gupta Support BBS
HPPERIPHER	4 Hewlett-Packard
	5 Hewlett-Packard
	6 Hewlett-Packard
	7 Hewlett-Packard

<b>Forum ID</b>	<b>Section vendor name</b>	13 Publishing Tech
HPSYSTEMS	10 Hewlett-Packard	
IBMDESK	4 IBM Desk Software	
	7 IBM Desk/Claris	
LOTUSA	5 Lotus	
LOTUSB	2 Lotus	
	10 Lotus	
	11 Lotus/CC:Mail	
LOTUSWP	2 Lotus WP	
	3 Lotus WP	
	6 Lotus WP	
	7 Windows Shareware	
	8 Clip Art & Graphics	
	11 Problem Uploads	
LTL	Lotus	
MACAVEN	4 CE Software	
	5 Delta Point	
	14 Claris	
MACBVEN	6 Oldauvi	
	7 Software Ventures	
	9 T/Maker	
	9 T/Maker	
	14 Radius	
MACCVEN	6 CoStar	
MIDIVEN	2 Turtle Beach	
	8 Big Noise Software	
WINAPA	1 Asymetrix	
	2 Attitash	
	2 Attitash	
	2 Attitash	
	3 DaVinci	
	4 Future Soft	
	4 Future Soft	
	4 Future Soft	
	4 Future Soft	
	5 Geographix	
	6 hDC Computer	
	6 hDC Computer	
	6 hDC Computer	
	6 hDC Computer	
	6 hDC Computer	
	7 Hi-Q	
	8 MCAE	
	9 Meta Software	
	9 Meta Software	
	9 Meta Software	
	10 Micrografx	
	10 Micrografx	
	10 Micrografx/Astral	
	10 Micrografx	
	10 Micrografx	
	11 Polaris	
	13 Publishing Tech	
	13 Publishing Tech	
	13 Publishing Tech	

Forum ID	Section vendor	PC Magazine Areas	
WINAPA, continued	14 Roykore	These areas on CompuServe can be accessed by typing <b>PCM:XXXX</b> where XXXX is the name of the desired forum.	When you want to leave the <i>PC Magazine</i> area and return to XXX is the next forum you want to visit.
	15 Wilson Ware		
	15 Wilson Ware		
	15 Wilson Ware		
	15 Wilson Ware		
	16 ICOM Simulations		
	17 Playroom	PCM:UTILFORUM	10 PCMAG Windows Utils
	17 Playroom	PCM:PROGRAMMING	2 User Environments
	17 Playroom	MSAPP	2 Microsoft
WINNEW	1 New Uploads		3 Microsoft
	2 Microsoft		7 Microsoft
	3 Microsoft		10 Microsoft
	5 Icons/Bitmaps/RLEs		12 Microsoft
	6 Microsoft		13 Microsoft
	7 Microsoft		14 Microsoft
	8 Microsoft		17 Microsoft
	9 Microsoft	MSBASIC	5 Microsoft
	10 Microsoft		9 Microsoft
	11 Microsoft		14 Microsoft
	12 Microsoft	MSEXCEL	3 Microsoft
	13 Microsoft		14 Microsoft
	14 Microsoft	MSKB	Microsoft
	15 Microsoft	MSL	Microsoft
WINSDK	1 Microsoft	MSLANG	7 Microsoft
	2 Microsoft		14 Microsoft
	3 Microsoft	MSNETWORKS	1 Microsoft
	4 Microsoft		11 Microsoft
	6 Microsoft	MSOPSYS	10 Non-MS Win Drivers
	7 Microsoft		11 Shareware/FreeWare
	8 Microsoft		12 Press Releases
	9 Microsoft		13 Software Demos
	10 Microsoft		14 Microsoft
	11 Microsoft		16 Microsoft
	12 Microsoft	MULTIMEDIA	6 Multimedia Corp.
	13 Microsoft		12 Multimedia Corp.
	17 Microsoft	MULTIVEN	2 Meridian Data
WOLFRAM	4 Wolfram Research		4 Video Logic
	4 Wolfram Research		8 Authorware
WORDSTAR	8 Word Star		9 Ntergaid
	14 Word Star		10 HSC Software
	14 Word Star	NORUTL	9 Peter Norton Group
	14 Word Star		12 Peter Norton Group
	14 Word Star		13 Peter Norton Group
WPMA	1 Windows/PM Assoc		14 Peter Norton Group
	2 Windows/PM Assoc	NOVE	15 Novell
	3 Windows/PM Assoc		
	4 Windows/PM Assoc		
WPSGA	10 WP Support Group		
XTALK	10 DCA/Crosstalk		
ZENITH	15 Windows Shareware		

<i>PC Magazine Forum ID</i>	<i>Section vendor name</i>	
		11 Windows Shareware
		12 Windows Utilities
NOVLIB	1 Novell File Libs	
	3 Novell File Libs	
	4 Novell File Libs	
	5 Novell File Libs	
	7 Novell File Libs	
	11 Novell File Libs	
	13 Novell File Libs	
	14 Novell File Libs	
	15 Novell File Libs	
	16 Novell File Libs	
	17 Novell File Libs	
ORACLE	4 Oracle	
	4 Oracle	
PCEO	5 Intel	
	11 Intel	
PCVENA	1 Button Ware	
	13 Foresight Resources	
PCVENB	8 DAC Easy	
PCVENC	15 Beyond	
PCVEND	2 Artisoft	
	8 Timeslips	
	15 Bloc Publishing	
	15 Bloc Publishing	
PCVENE	4 Farallon	
SBSALDFOR	2 Aldus	
	3 Aldus	
	4 Aldus	
	5 Aldus	
SPCFORUM	5 Software Publishing	
	8 Software Publishing	
	9 Software Publishing	
	14 Software Publishing	
	15 Software Publishing	
	16 Software Publishing	
	17 Software Publishing	
SPINNAKER	2 Spinnaker	
	11 Spinnaker	
SYMFORUM	4 Symantec	
	11 Symantec	
	13 Symantec/Zortech	
VENTURA	4 Ventura Software	
	14 Ventura Software	
	14 Ventura Software	
VIRUS FORU	2 McAfee Associates	
WINADV	1 New Uploads	
	2 Microsoft	
	3 Microsoft	
	4 Microsoft	
	5 Microsoft	
	6 Games	
	7 Microsoft	
	8 Microsoft	
	9 Microsoft	
	10 Microsoft	

<i>PC Magazine Forum ID</i>	<i>Section vendor name</i>	11 Saros
WINADV, continued	13 The Soap Box	
	14 Microsoft	
	15 Miscellaneous	
	17 Microsoft	
WINAPB	1 Caseworks	
	2 Corel Systems	
	3 NBI	
	4 Owl International	
	5 Chip Soft	
	6 Whitewater Group	
	6 Whitewater Group	
	6 Whitewater Group	
	6 Whitewater Group	
	7 ZSoft	
	7 ZSoft	
	7 ZSoft	
	7 ZSoft	
	8 WUGNET	
	8 WUGNET	
	9 Kidasa	
	10 SoftCraft	
	11 Softbridge	
	11 Softbridge	
	11 Softbridge	
	12 Zenographics	
	12 Zenographics	
	13 Computer Present	
	13 Computer Present	
	14 WindowCraft Corp	
	15 Knowledge Garden	
	16 Delrina Technology	
	16 Delrina Technology	
	17 Windows Corporate Forum (Members Only Area)	
WINAPC	1 Matesys	
	1 Matesys	
	1 Matesys	
	1 Matesys	
	2 Bell Atlantic	
	3 The Stirling Group	
	3 The Stirling Group	
	3 The Stirling Group	
	3 The Stirling Group	
	3 The Stirling Group	
	3 The Stirling Group	
	4 Berkeley Systems	
	5 Glockenspiel	
	6 Campbell Services	
	7 Metz Software	
	7 Metz Software	
	8 Within Technologies	
	9 Abacus	
	9 Abacus	
	9 Abacus	
	11 Saros	

**GENie**  
**800/638-9636****Microsoft Roundtables**  
**M\_505.**

The following are online Windows library services. These services are available by calling the numbers listed or by contacting the commercial networks suggested.

**Windows Driver Library**

The Windows Driver Library is for all users of Windows who own peripheral devices not supported in the Windows retail package.

The WDL will include the Windows 3.1 compatible device drivers that are not included in the Windows 3.1 retail box, including Printer, Display, Network, Fastdisk and VDD and Grabbers for the display drivers. All drivers in the WDL are compatibility tested by Microsoft. The WDL will be updated regularly as new and improved drivers become available.

The WDL will be distributed on network services including CompuServe, GENie, ONLine, APCUG, and Microsoft PSS Download Service. The WDL is free of charge when downloaded from these services. The WDL is also available for a \$20 fee from Microsoft Customer Service at 800/426-9400.

**The Windows**  
**Technical Support Library**

This service will help users who are either PC support professionals or who support Windows users in their organization. This Library provides better and faster access to the information needed to solve Windows technical support problems. It will also help you update and customize the Windows Resource Kits with up-to-date technical information related to specific applications, hardware devices, and networks.

The Windows Technical Support Library will be available by referencing the appropriate forums on network services such as GENie and CompuServe or free of charge by calling Microsoft PSS Download Service. To have information faxed or mailed call Microsoft Product Support Services.

## User Groups

The following is a list of some top user groups. Although phone numbers are given, by volunteers, and we suggest when possible that correspondence be directed to the address given. For the most updated information about user groups near you, call 800/426-9400 to speak to a Microsoft operator who will give you the most recent address information.

### United States

#### Arizona

Phoenix PC Users Group  
PO Box 35637  
Phoenix, AZ 85069-5637

Windows SIG  
Contact: Ray Moore  
602/222-8511

Tuscon Computer Society  
PO Box 1489  
Tuscon, AZ 85702  
Newsletter: monthly

Windows SIG  
Contact: Kevin Breslin  
602/571-7128

#### Arkansas

Arkansas/Oklahoma PC User Group  
PO Box 853  
Fort Smith, AR 72901

Windows SIG  
Contact: Greg Disch  
501/783-0293

Arkansas Windows Developers  
Users Group  
Foxfire, Inc.  
Box 198  
Heindsville, AR 72738

#### California

Corporate Windows Council  
1105 Colman, Ave.  
San Jose, CA 95108  
Contact: FMC Corporation  
415/601-5000

Diablo Valley PC User Group  
1635 School Street, Suite 101  
Morago, CA 94556-1125  
*Windows Resource Kit*

Newsletter:monthly

Windows SIG

Contact: Ronald Ogg  
510/376-7174

Golden Gate PC SIG in Windows  
PO Box 151696  
San Rafael, CA 94915-1696

Los Angeles/UCLA Computer Society  
2629 Manhattan Ave. Suite 273  
Hermosa Beach, CA 90254

Windows SIG  
Contact: Tom Cox

Los Angeles Windows Developers  
User Group

Microsoft Corporation  
6701 Center Dr. #1300  
Los Angeles, CA 90045

Windows SIG  
Contact: Margaret Johnson

North Orange County Computer  
Club/NOCC  
5592 Danny Ave.  
Cypress, CA 90630  
Newsletter: monthly/Orange Bytes  
Contact: Jaunita Lockwood  
714/761-2583

Windows SIG

Orange Coast IBM User Group  
3021-B Harbor Blvd.  
Costa Mesa, CA 92626  
or PO Box 6100-211  
Costa Mesa, CA 92628  
Newsletter: monthly

Windows SIG  
Contact: Richard Villa  
714/841-6991

Pasadena User Group  
711 E. Walnut, Suite 306  
Pasadena, CA 91101  
Newsletter:monthly/Prompt>

Contact: Steve Bass  
818/795-2300  
BBS #: 818/332-6580

Windows SIG

Sacramento PC Users Group  
1661 Pebblewood Drive  
Sacramento, CA 95833

Newsletter: monthly/Sacra Blue  
Windows SIG

Contact: Steve Friedman  
916/920-5573

San Francisco PC Users Group  
455 Eddy St. #1109  
San Francisco, CA 94109

Windows SIG  
Contact: Carol Kramer

San Francisco Users Group  
3145 Geary Blvd., Suite 155  
San Francisco, CA 94118  
or 240 Chattanooga, #30  
San Francisco, CA 94114  
Newsletter: monthly

Silicon Valley Computer Society  
780 North 4th Street  
San Jose, CA 95112-5014  
Newsletter: monthly

Windows SIG

The Software Entrepreneurs' Forum  
PO Box 61031  
Palo Alto, CA 94306

Windows SIG  
Contact: Fran Finnigan  
415/929-7386

Windows Presentation Manager  
Association  
5201 Great American Parkway  
Santa Clara, CA 95054  
Contact: Techmart Executive  
408/562-6065

#### Colorado

Windows on the Rockies  
PO Box 9929  
Denver, CO 80209-0929  
Contact: Jack McKinley  
(303) 733-1277



**User Groups, continued****District of Columbia**

Capital PC Users Group  
Washington, DC

Windows/Presentation Manager SIG  
Contact: Charles Kelly, Rod Wright

Pentagon PC User Group  
PO Box 47047  
The Pentagon  
Washington, DC 20050-7046  
Newsletter: The Review

**Florida**

Alachua County Computer Users  
Group  
Rt 1 Box 200  
Newberry, FL 32669  
Newsletter: monthly/Gator Bytes

Windows SIG  
Pinellas IBM-PC User Group  
5100 Dover Street NE  
St. Petersburg, FL 33703

Windows SIG  
Contact: Dick Kellerman  
813/525-0989

**Georgia**

Atlanta Windows User Group  
PO Box 28788  
Atlanta, GA 30358

**Illinois**

Chicago Area Microcomputer  
Professionals/CAMP  
950 Skokie Blvd., Suite 205  
Northbrook, IL 60062

Chicago Computer Society  
PO Box 8681  
Chicago, IL 60680  
or 2849 Arlington Ave.  
Highland Park, IL 60035  
Newsletter: monthly

Guidance for Users of Integrated  
Data Processing Equipment/GUIDE  
111 E. Wacker Drive, Suite 600  
Chicago, IL 60606

The Widows SIG of the Chicago  
Computer Society  
638 N. Stephen Dr.  
Palatine, IL 60067  
Contact: Ray Elseth  
708/705-9721

**Indiana**

Indianapolis Computer Society  
PO Box 2532  
Indianapolis, IN 46205  
or 6135 N. Meridan Street  
Indianapolis, IN 46208  
317/251-2003

Indiana/Kentucky PC Users Group  
PO Box 3564  
Louisville, KY 40201  
Newsletter: monthly

Windows SIG  
Contact: Jim Travelstead  
502/636-3361

**Kentucky**

Indiana/Kentucky PC Users Group  
PO Box 3564  
Louisville, KY 40201  
Newsletter: monthly

Windows SIG  
Contact: Jim Travelstead  
502/636-3361

**Maryland**

Capital PC Users Group  
51 Monroe Street, Plaza East 2  
Rockville, MD 20850  
Newsletter: monthly

Windows SIG  
Contact: Dan Schnal

**Massachusetts**

Boston Computer Society (BCS)  
188 Needham Street  
Newton, MA 02164  
617/235-9505

Windows SIG

**Michigan**

Central Michigan Windows User  
Group  
2356 Science Parkway, Suite 100  
Okemos, MI 48864  
Contact: Stewart Nutter  
517/3470-800

Windows Users Group Network  
6934 W. Fort St.  
Detroit, MI 48209

Windows SIG  
Contact: Ann Stanzel

**Minnesota**

Twin City PC/TCPC  
5701 Normandale Blvd.  
Edina, MN 55424

Windows SIG  
Contact: Tim Breen  
612/377-7317

**Missouri**

St. Louis User Group  
18 Covington Meadows  
St. Louis, MO 63132  
Newsletter: every other month  
314/458-9604

**New Jersey**

Microcomputer Management  
Association/MMA  
PO Box 4615  
Warren, NJ 07060  
Newsletter: TBA

PC User Group/Amateur Computer  
Group of New Jersey  
Country Lights Villa #121  
Bensalem, PA 19020  
Contact: Bob Todd  
215/752-4604

Windows SIG

**User Groups, continued****New York**

Buffalo IBM-PC User Group  
(BIBMUG)  
PO Box 609  
Amhurst, NY 14226-0609  
or 3380 Sheridan Dr., Suite 422  
Columbus, OH 43209  
Newsletter: monthly

Windows SIG

New York PC User Group/NYPC  
40 Wall St., Suite 2124  
New York, NY 10005-1301  
Newsletter: monthly/NYPC

Windows SIG  
Contact: Nancy Thalblum  
212/548-5868

Word for Windows  
Business Users Group  
420 Lexington Ave., Suite 640  
New York, NY 10170

**Ohio**

Cincinnati PC Users Group  
PO Box 3097  
Cincinnati, OH 45201  
or 7822 Eustic Court  
Cincinnati, OH 45236  
Newsletter: monthly

Windows SIG  
Contact: Darrel Booth  
513/745-9356

Columbus Computer Society  
PO Box 1556  
Columbus, OH 43216  
Newsletter: monthly

Windows SIG  
Contact: Bruce Hotte

**Oklahoma**

Arkansas/Oklahoma PC User Group  
PO Box 853  
Fort Smith, AR 72901

Windows SIG  
Contact: Greg Disch  
501/783-0293

**Oregon**

Portland PC Club  
921 SW Morrison, Suite 529  
Portland, OR 97205  
Newsletter: monthly/Silicone Forest  
Gazette

Windows SIG  
Contact: Mark Walsh  
503/284-6718

**Pennsylvania**

National Windows User Group  
Network  
PO Box 1967  
Media, PA 19063  
Contact: Howard Sobel  
215/565-1861

Philadelphia Area PC Users Group  
c/o La Salle University  
Box 312  
Philadelphia, PA 1914  
Newsletter: monthly/DATA BUS

Windows SIG  
Contact: Jack Kramer

**Texas**

HAL-PC (Houston Area League of  
PC Users) Headquarters  
1200 Post Oak, Suite 106  
Houston, TX 77056  
713/623-4425  
Newsletter: WinApps Solution

Windows Excel/DBMS SIG  
Contact: Ken Penrod  
713/651-1276

Windows SIG  
Contact: Larry Sands  
713/432-1000

Windows Developers SIG  
Contact: Richard Bermudez  
713/681-2102

Windows Publishing SIG  
Contact: Larry Sands  
713/432-1000

Word for Windows SIG  
Contact: Charles Barnhart  
713/792-4802

North Texas PC User Group  
PO Box 780066  
Dallas, TX 75378-0066  
Newsletter: monthly/  
N.Texas PC News  
214/746-4699

Windows SIG  
Contact: James Dunn

**Utah**

Utah Blue Chips  
PO Box 510811  
Salt Lake City, UT 84151  
or 9296 S. Greenwood  
Sandy, UT 84070  
Newsletter: monthly

**Washington**

Pacific NW PC Users Group  
1925 7th Avenue  
Seattle, WA 98101  
Newsletter: monthly

Windows SIG  
Contact: Patrick Long  
206/789-0087

**Wisconsin**

Madison PC Users Group  
PO Box 2598  
Madison, WI 53701-2598  
608/255-1205

**Canada**

Vancouver Windows User Group  
210-1090 W. Pendor Street  
Vancouver, BC V6E 2N7  
Contact: Ron Usher

WUGNET Toronto  
PO Box 95 Streetsville, Mississauga  
Ontario, Canada L5 M2B7  
Contact: Don Roy

**United Kingdom**

The Windows Form (Softtech  
Consultants Ltd.)  
Charles Street  
Windsor SL4 5DS, United Kingdom

Windows Users Group  
Enterprise House Carlton Road  
Workshop, Notts S81 7QF  
United Kingdom



## Hardware Support

Hardware manufacturers also offer support for Windows running on their hardware manufacturers for assistance at the appropriate numbers listed below.		
ALR 714/581-6770	Computer Sales Professionals, LTD Corporate Software 800/677-4003	Laser Call your hardware 708/541-3022
Acer Technologies 800/637-7000	Cube Computer 914/592-8282	Leading Edge 508/836-4800
Actech 703/641-1223	Cumulus 216/464-2211	Level IV 800/589-5848
Alphacom International 510/490-1669	Danjen 518/377-3377	Logitech, Inc. 510/795-8501 or 510/795-8754
Ares Microdevelopment 800/322-3200	Data General Corporation Personal Computers 800/DGHELPS	MTD Data Services (dba Bear Computer) 206/869-5900
Argent Technologies 802/288-1238	Dell 800/624-9896	Management Advisory Software 800/446-1778
Ariel 800/552-7435	Digital Equipment Corporation 800/DIGITAL	Master Computers 206/365-1156
AST Research, Inc. 714/727-4141	DTK 818/810-88880	Maxum Systems 718/643-3385
AT&T 800/922-0354	Entertainment Marketing 713/995-4433	Memorex-Telex 800/522-0822
Austin 800/752-4141	Epson 800/992-8911	Mitsubishi 800/344-6352
Automated Computer Tech 800/521-9237	Ergo 800/633-1925	NCR 800/262-7782
Bell Computer 818/909-3501	Everex Systems 510/498-4411	NEC 800/388-8888
Caliber Computer 408/942-1220	Gateway 2000 800/232-2000	The Network Connection 800/327-4853
Comark (dba USA Flex) 800/441-5416	Goldstar Technology 408/432-1331	Northern Computer Systems 612/934-8856
Compaq Computer Corp. 800/231-0900	Hauppauge 516/434-3197	Northgate 800/446-5037
Compton Multimedia Publishing Group 415/597-5555	Hertz Computer 212/684-4141	PC Craft 714/256-5023
CompuAdd (PC Source) 800/999-9901	Hewlett-Packard 800/858-8867	Packard Bell 800/733-4411
Computer Marketing Corp. 612/894-7150	Hyundai 800/234-3553	
	IBM 800/426-3333	

**Hardware Support, continued**

Phoenix  
617/551-4100

Positive Support  
800/252-6345

Samsung  
408/434-5479

Sysorex Information Systems  
703/273-9200

Tandon Support  
800/487-8324

Tandy  
817/878-6875

Texas Instruments  
512/250-7407

Toshiba  
800/999-4273

US Micro Express  
206/462-1011

Ultra-Comp  
314/298-1998

Unisys  
800/328-0440 x03852

Wang  
800/253-3932

Wyse  
408/435-2770

Xycom  
313/429-4971

Zenith  
For Windows/MSDOS on Zenith hardware, contact your local Zenith dealer

Zeos  
800/228-5390

Numbers for manufacturers largely provided courtesy of WUGNET and may be found in Volume 1, Number 5 of the *Windows Journal*.

**Reference Materials****Books****Introductory Books**

*10 Minute Guide to Windows 3*  
SAMS  
Doug Sabotin and Katherine Murray, 1991  
Tutorial for novice users.

*10 Minute Guide to Windows 3.1*  
SAMS  
Katherine Murray and Doug Sabotin  
Tutorial for novice users.  
Pending software release

*ABCs of Windows 3.0*  
Sybex  
Kris Jamsa, 1990  
Tutorial for novice users.

*The Best Book of Microsoft Windows 3*  
SAMS  
Carl Townsend, 1991  
Tutorial/reference for all users.

*The First Book of Microsoft Windows 3*  
SAMS  
Jack Nimmersheim, 1991  
Tutorial/reference for novice users.

*The First Book of Windows 3.1*, 2nd Ed.  
SAMS  
Jack Nimmersheim  
Tutorial/reference for novice users.  
Pending software release

*Getting Started With Windows 3.1*  
Microsoft Press  
Russell Borland  
\$19.95 (\$27.95 Canada)  
ISBN 1-55615-472-0  
Tutorial for novice users.

*Learning and Running Windows 3.1*  
Microsoft Press  
Craig Stinson  
\$39.95 (\$54.95 Canada)  
ISBN 1-55615-431-3  
Training guide for all users; includes software.

*Mastering Windows 3.0*  
Sybex  
Robert Cowart, 1990  
Tutorial for intermediate users.

*Running Windows 3.1*  
Microsoft Press  
Craig Stinson  
\$27.95 (\$37.95 Canada)  
ISBN 1-55615-373-2  
Tutorial for all users.

*Simply Windows*  
Osborne McGraw-Hill  
Mary Campbell  
Introduction for novice users.

*Using Windows: New Ed.*  
Que  
Ron Person and Karen Rose, 1991  
Introduction to Windows for novices.

*Windows 3 QuickStart*  
Que  
Ron Person and Karen Rose  
Introduction to Windows for novices.

*Windows 3.0 Made Easy*  
Osborne McGraw-Hill  
Tom Sheldon, 1990  
Teaches novices to use Windows.

*Windows 3.0 Quick Reference*  
Que  
Tutorial for all users.

*Using Windows 3.1*  
Que  
Ron Person and Karen Rose  
Introduction to Windows 3.1 for novices. Pending software release

*Windows 3.1 Companion*  
Microsoft Press  
The Cobb Group  
\$27.95 (\$37.95 Canada)  
ISBN 1-55615-372-4  
Step-by-step tutorial for novice users.

*Windows 3.1 Made Easy*  
Osborne McGraw-Hill  
Tom Sheldon, 1992  
Tips and tricks for all users.

*Windows 3.1 QuickStart*

Que  
 Ron Person and Karen Rose  
 Introduction to Windows 3.1 for  
 novices. Pending software release

### ***Tips and Tricks Reference Books***

#### ***1-800-H-E-L-P With Windows 3.1***

Carl Townsend  
 SAMS  
 Reference guide for all users.  
 Pending software release

#### ***Concise Guide to Microsoft Windows 3.1***

Microsoft Press  
 Kris Jamsa  
 \$12.95 (\$17.95 Canada)  
 ISBN 1-55615-470-4  
 Reference for intermediate users.

#### ***Easy Windows***

Que  
 Shelley O'Hara  
 Reference guide for novice users.

#### ***Easy Windows, 3.1 Edition***

Que  
 Shelley O'Hara  
 Reference guide for novice and  
 intermediate users.  
 Pending software release

#### ***Inside Windows 3.1***

New Riders Publishing  
 1992; pending software release.  
 Tutorial and references for all users.

#### ***Instant Reference 3.0***

Sybex  
 Marshall Moseley, 1990  
 Reference guide for all users.

#### ***Maximizing Windows 3***

New Riders Publishing  
 Jim Boyce, 1991  
 Tips and tricks; customization  
 techniques for more advanced users.

#### ***Maximizing Windows 3.1***

New Riders Publishing  
 Jim Boyce, 1992; pending software  
 release. Tips and tricks for more  
 advanced users.

#### ***Tricks of the Windows 3.1 Masters***

SAMS  
 Ed Tiley  
 For intermediate to advanced users.  
 Pending software release

#### ***Upgrading to Windows 3.1***

Que  
 Que Development Group

Reference guide for all users.  
 Pending software release

#### ***Using Microsoft Windows 3***

Que  
 Ron Person and Karen Rose, 1991  
 Tips and tricks for all users.

#### ***Windows 3.0 On Command***

New Riders Publishing  
 1991  
 Reference guide for all users.

#### ***Windows 3.0 Secrets***

IDG Books  
 Brian Livingston  
 Tips and tricks for all users.

#### ***Windows 3.0:***

***The Complete Reference***  
 Osborne McGraw-Hill  
 Tom Sheldon, 1991  
 Reference guide for all users.

#### ***Windows 3.1 On Command***

New Riders Publishing  
 1992; pending software release  
 Reference guide for all users.

#### ***Windows 3.1 Quick Reference***

Que  
 Que Development Group  
 Reference guide for all users.  
 Pending software release

#### ***Windows 3.1 Revealed***

SAMS  
 Barry Sosinsky and Robert Mullin  
 For intermediate and advanced users.  
 Pending software release

#### ***Windows 3.1:***

***The Complete Reference***  
 Osborne McGraw-Hill  
 Tom Sheldon, April 1992  
 Reference guide for all users.

#### ***Windows: The Pocket Reference***

Osborne McGraw-Hill  
 Allen Wyatt, April 1992  
 Quick reference for all users.

#### ***Windows Tips and Techniques***

Mastering Computers, Inc.  
 Thomas Graunke, 1990  
 Tips for intermediate to advanced  
 users. Optimizing to troubleshooting.

**Programming Books***Developing Windows Applications with Microsoft SDK*

SAMS

Brent E. Rector, 1991

For novice to intermediate programmers.

*The Microsoft Guide to Designing the User Interface for Windows 3.1-Based Applications*

Microsoft Press

Microsoft Corporation

\$27.95 (\$37.95 Canada)

ISBN 1-55615-384-8

Reference guide for all Windows programmers.

*Microsoft Visual Basic Workshop*

Microsoft Press

John Clark Craig

\$34.95 (\$44.95 Canada)

ISBN 1-55615-386-4

Book-and-software package for programmers.

*Microsoft Win32 Applications**Programming Interface: The Programmer's Reference, Vol. 1 & 2*

Microsoft Press

Microsoft Corporation

\$45.00 (\$60.00 Canada), each volume

Special Offer: \$70.00 for both

ISBN 1-55615-433-X

Complete reference for developers.

*Microsoft Windows 3 Developer's Workshop*

Microsoft Press

Richard Wilton

\$24.95 (\$32.95 Canada)

ISBN 1-55615-244-2

Reference for experienced programmers.

*Microsoft Windows 3.1 Programmer's Reference Library*

These references are a complete reference for serious Windows programmers. This six-book series is the official documentation of the Microsoft Windows 3.1 Software Development Kit (SDK) and is included with that software.

**Programming Books, continued***Microsoft Windows 3.1 Guide to Programming*

Microsoft Press

Microsoft Corporation

ISBN 1-55615-452-6

Available Summer 1992

*Microsoft Windows 3.1 Programmer's Reference Vol. 1: Overview*

Microsoft Press

Microsoft Corporation

ISBN 1-55615-453-4

*Microsoft Windows 3.1 Programmer's Reference Vol. 2: Functions*

Microsoft Press

Microsoft Corporation

ISBN 1-55615-463-1

*Microsoft Windows 3.1 Programmer's Reference Vol. 3: Messages, Structures, Macros*

Microsoft Press

Microsoft Corporation

ISBN 1-55615-464-X

*Microsoft Windows 3.1 Programmer's Reference Vol. 4: Resources*

Microsoft Press

Microsoft Corporation

ISBN 1-55615-494-1

*Microsoft Windows 3.1 Programming Tools*

Microsoft Press

Microsoft Corporation

ISBN 1-55615-454-2

*The Microsoft Windows Multimedia Programmer's Reference Library*

For developers who want to add a high level of sound, music, audio, and other multimedia elements to their programs. These three volumes are the official Microsoft documentation for the Microsoft Multimedia Development Kit, and are included with that software product.

*Microsoft Windows Multimedia Programmer's Workbook*

Microsoft Press

Microsoft Corporation

\$22.95 (\$29.95 Canada)

ISBN 1-55615-390-2

*Microsoft Windows Multimedia Programmer's Reference*

Microsoft Press

Microsoft Corporation

\$27.95 (\$36.95 Canada)

ISBN 1-55615-389-9

*Microsoft Windows Multimedia Authoring and Tools Guide*

Microsoft Press

Microsoft Corporation

\$24.95 (\$32.95 Canada)

ISBN 1-55615-391-0

*Microsoft Windows for Pen Computing Programmer's Reference*

Microsoft Press

Microsoft Corporation

\$24.95 (\$34.95 Canada)

ISBN 1-55615-469-0

Mini tutorial and complete reference for programmers.

*The Programmer's PC Sourcebook, 2nd Ed.*

Microsoft Press

Thom Hogan

\$39.95 (\$54.95 Canada)

ISBN 1-55615-391-X

Reference tables for programmers.

*Programming Windows, 2nd Ed.*

Microsoft Press

Charles Petzold

\$29.95 (\$39.95 Canada)

ISBN 1-55615-264-7

Reference for programmers.

Available Summer, 1992

*Programming in Windows: New Ed.*

Que

Tim Farrell and Runnoe Connally,

1991

For all Windows programmers.

*Programming in Windows 3.1*

Que

Tim Farrell and Runnoe Connally

Tips and techniques for

programmers.

Pending software release

*Windows 3: A Developer's Guide*

M &amp; T Books

Jeffrey M. Richter, 1991

For experienced Windows users.

*Windows 3.1 Power Tools: For Windows 3.0 and 3.1*, 2nd Ed.  
Bantam Computer Books  
The LeBlond Group, April 1992  
For intermediate to advanced Windows programmers.

*Windows Programmer's Reference*  
Que  
James McCord, 1991  
For experienced Windows programmers.

*Windows 3.1 Programmer's Reference*  
Que  
James McCord  
Reference guide for experienced Windows programmers.  
Pending software release

*Windows Programming: An Introduction*  
Osborne McGraw-Hill  
William Murray, 1990  
For novice Windows programmers.

### **Miscellaneous**

*Introduction to Microsoft Windows 3.0*  
Computer Consultants International, 1990  
Training manual for instructors and beginning students. Call 604/463-7510 for the nearest reseller.

*Moving to Windows*  
HDC (available through Mastering Computers), 1991  
Examples in reducing standardization costs, and case studies from corporations standardizing in Windows.

*Windows 3.1 Networking*  
New Riders Publishing  
1992; pending software release.  
"How to" guide for networking in Windows.

*Windows Shopper's Guide*  
WhiteFox Communications, Inc.  
PO Box 7125  
Beaverton, OR 97007-9938  
800/669-5612; 503/645-8642 (fax)  
A catalog for Windows applications and services.

*Windows Resource Kit*

## **Publishers' Numbers**

Bantam Books  
800/347-7828

Howard W. Sams & Co. (SAMS)  
317/573-2500  
800/448-3804 (fax)

IDG Books  
800/282-6657

Mastering Computers, Inc.  
602/998-7500

Microsoft Press  
800/MSPRESS

New Riders Publishing (NRP)  
317/573-2500  
317/573-2500

Osborne McGraw-Hill  
510/548-2805

Que Corporation  
317/573-2500  
800/448-3804 (fax)

Sybex  
800/227-2346

WhiteFox Communications  
503/629-5612

## **Newsletters and Magazines**

*ACKnowledge, The Windows Letter*  
ACKnowledge Press and the Windows Technology Group  
144 Talmadge Road  
Mendham, NJ 07945  
201/543-2273; 201/543-6033  
Contact: Carole Patton  
Interviews with key Windows people, Microsoft strategy, and a watch on Windows applications.

*For Windows Only*  
PJM Communications  
PO Box 6172  
Burbank, CA 91510  
818/563-4285 or 800/248-4396  
818/955-9832 (fax)  
Tips and tricks for Windows.

*ICON*  
International GUI Group  
PO Box 20150  
Houston, TX 77225-0150  
713/432-1000  
Contact: Larry Sands  
BBS # to be established  
CompuServe ID# 71630,407  
Tips and tricks, events, new product information.

*Inside Microsoft Windows*  
The Cobb Group  
Ziff Communications  
9420 Bunsen Parkway, Suite 300  
Louisville, KY 40220  
800/223-8720  
Tips and tricks for Windows.

*Microsoft Systems Journal*  
Microsoft  
PO Box 1903  
Marion, OH 43305  
800/669-1002 or 614/382-3322  
Tips and tricks, questions and answers for Microsoft systems products.

*The Graunke Report: Windows Tips and Tricks*  
Mastering Computers  
11000 North Scottsdale Rd., Ste. 175  
Scottsdale, AZ 85254  
602/998-7500  
Contact: Lesa Harpole



*View, The WPMA Newsletter*

Windows and Presentation Manager  
Association

5201 Great American Pkwy.

Ste. 320

Santa Clara, CA 95054

408/562-6065; 408/562-6068

Contact: Holden Aust

Product release information, relevant  
current events and a focus on com-  
munication between developers and  
corporate users.

*Windows Flash*

Corporate Software

275 Dan Road

Canton, MA 02021

617/821-4500; 800/677-4000

A bulletin covering fast breaking  
news, issues, and developments with  
Windows.

*Windows Journal (formerly  
WUGNET Journal)*

WUGNET Publications, Inc.

PO Box 1967

Media, PA 19063

215/565-1861

Contact: Joel Diamond

CompuServe ID: 76702,1023

Technical resource for Windows  
users and developers. Tips and  
tricks, new product information.

*Windows Magazine*

CMP Publications, Inc.

600 Community Dr.

Manhasset, NY 11030

516/562-5370

Circulation: Kathy Shay

New product news, Windows  
strategy, tips and tricks, events.

*Windows Watcher*

CompuThink

15127 NE 24th, Suite 344

Redmond, WA 98052-5530

206/881-7354

Contact: Lori White, Circ. Man.

CompuServe ID: 71337,2052

News watch, industry watch,  
strategy information, new products,  
Windows marketing, events.