

# Computer Lab Guide

Math 21C — Spring 1999 — Professor Ruth Williams  
TA Rino Sanchez

Computer Lab Location:

**AP&M B432**

ACS Macintosh Lab

Lab Open Access Hours

Sun.-Thu.: 7 a.m.-12:30 a.m.

Fri.: 7 a.m.-10:00 p.m.

Sat.: 9 a.m.-7pm

This is a supplement to the pink "Mac Labs Step 1" guide provided by ACS. Read this first and then refer to the pink "Mac Labs Step 1" ACS guide if you have problems.

## I. Getting Started

First, restart the Macintosh computer to have it reset everything to normal. Do one of the following:

a) In the upper-right top part of the keyboard is a key with a slanted triangle symbol on it. Press this key once. A window asking "Are you sure you want to shutdown your computer now?" will appear. See Fig. 1. Click on the "Restart" button. Wait for the computer to finish restarting.

OR

b) Using the mouse, go to the upper-right corner of the screen. There should be a little icon there. Click once on it to drop down the application task menu list. Select the "Finder" application. See Fig. 2. Now go to the "Special" menu on the menubar and select "Restart". See Fig. 3. Wait for the computer to finish restarting.

## II. Logging into your class account AppleShare network volume

This will give you access to a personal "network disk" which you can save your homework in. You must also login to your AppleShare network volume FIRST if you want to print to the laser printer later.

1) In the upper-left corner of the screen, click on the Apple menu and select the "Chooser" option to open the Chooser window. See Fig. 4.

2) In the upper-left box of this Chooser window, click once on the "AppleShare" icon to highlight it.

3) In the lower-left box with the "AppleTalk Zones:" header, scroll up until you see the "ACS-iNSci14" entry in the list. Click once on it to highlight it.

4) In the right-hand box will appear the entry "iNSci14 Auf's". Click once on it to highlight it. Then click the "OK" button below it. See Fig. 5.

5) A window saying "Connect to the file server "iNSci14 Auf's" as:" will appear.

a) In the "Name:" field, type in your "ma21cXX" account name (substitute YOUR own "ma21cXX" account name as listed in your ACS account slip, NOT "ma21cXX").

b) In the "Password:" field, type in the first EIGHT characters of the password for YOUR ma21cXX class account as listed in your ACS account slip. See Fig. 6.

6) Click the "OK" button to continue the login process.

7) If the login is successful, another window saying "Select the items you want to use:" will appear. The item named "ma21cXX@insci14" should already be highlighted. Do NOT click on the little box to the right of this item. Click on the "OK" button to continue. See Fig. 7.

8) A network server icon named "ma21cXX@insci14" will appear on the right. See Fig. 8.

9) You can close the Chooser window by clicking on the small box in the upper-left corner of the Chooser window.

Problems? For more help with this part, read the sign titled "AppleShare Service" on the wall.

## III. Connecting to the lab laser printer

If you will be using the ImageWriter dot-matrix printer for printing, skip to the next section. High-quality laser printing requires setting up a pre-paid real-money laser account with ACS first. The charge is \$0.08 per page.

There is already a pre-paid real-money Math 21C class laser account balance attached to all ma21cXX class accounts being provided courtesy of Professor Williams. Please be economical and print ONLY documents which are specifically related to Math 21C classwork when using your ma21cXX class account. Once this Math 21C class laser account balance has been exhausted, it will not be renewed.

If this occurs, EVERYONE in the class will have to stop by the ACS Account Services helpdesk in AP&M 2113 to setup a personal laser account first in order to further use the laser printer. You should setup a laser account that is attached to BOTH your regular UCSD email account and also to your class-specific "ma21cXX" account.

1) You must be successfully logged into your class account AppleShare network volume first. If you have not done this yet, follow the instructions in Section II above before proceeding.

2) In the upper-left corner of the screen, click on the Apple menu and select the "Chooser" option to open the Chooser window. See Fig. 4.

3) In the upper-left box of this Chooser window, click once on the "LaserWriter 8.1.1" icon to highlight it.

4) In the lower-left box with the "AppleTalk Zones:" header, scroll up until you see the "ACS-iNSci14" entry in the list. Click once on it to highlight it. This step is IMPORTANT. Make sure you highlight the EXACT SAME AppleTalk Zone entry as you did earlier when connecting your AppleShare network volume in the previous section.

5) In the right-hand box, scroll until you see the "laser45 APM 432 MacLab" entry. Click once on it



Fig. 1



Fig. 2



Fig. 3

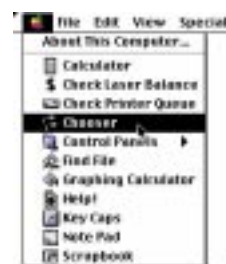


Fig. 4



Fig. 5



Fig. 6

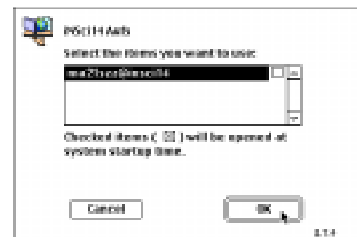


Fig. 7

to highlight and select it. See Fig. 9. You are now successfully connected to the lab laser printer.

6) You can close the Chooser window by clicking on the small box in the upper-left corner of the Chooser window.

7) To print within any application, go to the "File" menu, select "Print...", and click "Print".

Problems? For more help with this part, read the sign titled "Printing to a LaserWriter" on the wall.



Fig. 8

#### IV. Connecting to a lab ImageWriter dot-matrix printer

If you will be using the laser printer for printing as described above, skip this section. Lower-quality ImageWriter dot-matrix printing is free but the results may be less than satisfactory for final grading. If possible, please try to submit only laser printer output for grading.

1) In the upper-left corner of the screen, click on the Apple menu and select the "Chooser" option to open the Chooser window. See Fig. 4.

2) In the upper-left box of this Chooser window, click once on the "AppleTalk...geWriter" icon to highlight it.

3) In the lower-left box with the "AppleTalk Zones:" header, make sure it is highlighted on the "ACSLAB" entry in the list.

4) In the right-hand box, you should see entries for "BluePrinter B-432", "GreenPrinter B-432", and "PinkPrinter B-432". Click on ONE of the entries to highlight and select it. See Fig. 10. You are now successfully connected to the specified lab ImageWriter dot-matrix printer.

5) You can close the Chooser window by clicking on the small box in the upper-left corner of the Chooser window.



Fig. 9

6) To print within any application, go to the "File" menu, select "Print...", and click "Print".

Problems? For more help with this part, read the sign titled "Printing to an ImageWriter" on the wall.



Fig. 10

#### V. Accessing application programs for the course

Here are the hard drive locations of the applications you will need to use:

- UCSD ### → Communications → Netscape Navigator → Netscape Navigator™ 4.03.1
- UCSD ### → Communications → Internet Explorer → Internet Explorer 3.01
- UCSD ### → Math Programs → MATLAB 4.2c.1 → MATLAB 4.2c
- UCSD ### → Microsoft Word 5.1 → Microsoft Word 5.1

On Power Macintosh computers, Mathematica is available in the following location:

- UCSD ### → Math Programs → Mathematica 3.0 Files → how to use mathematica
- UCSD ### → Math Programs → Mathematica 3.0 Files → Executables → PowerMac → Mathematica 3.0

On non-Power Macintosh computers, Mathematica is available in the following location:

- UCSD ### → Math Programs → Mathematica 2.2 → Mathematica 2.2.2

For either Netscape Navigator or Internet Explorer, first use the URL "<http://math.ucsd.edu/>" as your starting point, then click on "Course Homepages" on the left, and then "Math 21C" in the list.

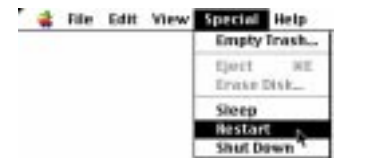


Fig. 11

#### VI. Logging out

When you are done using the computer, remember to LOG OUT properly. This is IMPORTANT. If you fail to logout properly, the next person to use the computer may delete or steal all your files.

1) Go to the "File" menu and select the "Quit" option for all open applications. Once you have quit all open applications, you should be back to the Finder.

2) Double-click on the **Workspace** drive icon to open it. Drag any files you wish to keep onto your "ma21cXX@insci14" network icon so it highlights and copies them inside. Otherwise, drag the files on top of the "Trash" icon so that it highlights and disappears inside in order to delete them.

3) Drag your "ma21cXX@insci14" network icon on top of the "Trash" icon so that it highlights and disappears inside. Do not worry. This does NOT delete the files you just saved inside of it in the previous step. It only disconnects your AppleShare network volume.

4) This is the most important step. Go to the "Special" menu and select the "Restart" option. See Fig. 11. Make sure the computer begins its restart sequence. That's it. You're done. Congratulations!

#### VIII. Questions? Problems? Help?

Please contact your TA or instructor first if you have any questions or problems with the lab assignments. Broken computers should be reported to ACS by calling x43ACS or emailing zebras@ucsd.edu though.