

VISE Laboratory Initialization and Rules

February 19, 1997

1 Introduction

This document contains information you will need in order to use the Video and Image Systems Engineering (VISE) facility.

Make sure that you perform the initialization of your account exactly as it is described in section 3. This will insure that your account has the proper default settings.

Goto: [Course home page](#) - [Matlab help](#)

Questions or comments concerning this material should be directed to Prof. Charles A. Bouman, School of Electrical and Computer Engineering, Purdue University, West Lafayette IN 47907; (317) 494-0340; bouman@ecn.purdue.edu

2 VISE Laboratory Rules

Contact Numbers:
Prof. Allebach 43535
Prof. Bouman 40340

The following rules should be observed at all times.

1. Use the laboratory responsibly at all times, and be considerate of others who are using it.
2. No drinking, eating or smoking.
3. Do not write on tables or computers.
4. Do not adjust or calibrate equipment.
5. Policy for background jobs:
 - (a) All background jobs must be “niced”. Do this using the command
`nice mycommand &`
 - (b) Each student may only run 1 background job per machine.
 - (c) Each student may only run background jobs on a maximum of 4 machines.
6. Do not use TV or VCR equipment without permission of Prof. Delp.
7. Please report abuses to Prof. Allebach 43535 or Prof. Bouman 40340.

3 VISE Account Initialization Procedure

Before using your new VISE account, perform the following procedure **EXACTLY** as described below.

1. **Log in to your workstation** - Before logging in to your computer, select *VUE lite-session* under the *options* menu in the login window. Choose which partner will complete the initialization procedure first by logging in to the workstation. Type in your standard ECN login and password. If your password is longer than 8 characters, then only type in the first 8 characters. If you have a problem, consult the instructor.
2. **Start a console** - After you have logged in, a windowing environment will appear with a menu bar along the bottom of the screen. This is called the *front panel*. On the right of the front panel is an icon of a computer console. Click on this to start a console or shell.

3. **Select a printer** - You will be using one of the two printers named *mslt1* and *mslt2* to print output. The *mslt2* will be the primary printer, and the HP color laserjet 5 named *mslt1* will be used for printing color output. Set your printer name by typing
`setenv LPDEST mslt2`

Add this command to your `.cshrc` file so that it is executed each time a new window is opened. The `.cshrc` file should be in your current directory (your VISE root directory). Consult the instructor if you have any questions about this step. For general help on printing, refer to [print](#) under the Matlab [help](#) page.

4. **Start and initialize Netscape**

- (a) **Start Netscape** - Start *Netscape* by typing the following command into the console.

`netscape&`

Click *OK* to accept the license agreement.

- (b) **Set disk cache** - Pull down the *Options* menu and select *Network Preferences*. A window will pop up. Set the value of *Disk Cashe:* to 0 Kilobytes. Then press *OK* to select your options and remove the window.
 - (c) **Change home page** - You may want to set the default home page to your [course](#) home page. To do this, pull down the *Options* menu and select *General Preferences*. A window will pop up. Then select the *Appearance* tab. Set the *Home Page Location:* to the URL given by your instructor. Then press *OK* to save your settings and remove the window. Press the *Home* button in the Netscape window to change to the course home page.
 - (d) **Set acrobat as a plugin** - Pull down the *Options* menu and select *General Preferences*. A window will pop up. Then select the *Helpers* tab. Scroll down to the the line containing
application/pdf
Select this line and then click on *Edit...* button. Then click on *Plug in*. Click *OK* to close both windows.

- (e) **Select helper application for tar** - Scroll to the the line containing **application/x-tar**
Select this line and then click on *Edit...* button. Then click on *Application*, and type in the command:
`/bin/tar -xf %s >> /dev/null`
Click *OK* to close both windows.
- 5. **Open this document** - Click on the link to *VISE Laboratory Initialization and Rules*. This will bring up the *Adobe Acrobat* reader application. In this step and in subsequent steps of this initialization, you might encounter an error message about a charset mismatch. Ignore these messages by clicking *OK* whenever they come up.
- 6. **Set windowing parameters** - Move forward to page 4 of this document, and click on [this link](#) to load windowing system parameters.
- 7. **Restart workspace manager** - Hold down the right mouse button in a blank area of the screen to get the main workspace menu. Then select *Restart Workspace Manager* and click *OK* to the pop-up menu.
- 8. **Start a new console** - Again click on the console icon on the right side of the front panel to start a new console. Verify that the new console has a scroll bar on the right side. This scroll bar will be especially useful when you are running matlab.