0.1 Course Lab facilities

The Lab facility is located on the ground floor, the 'Veemhallen', LH 00.520 and LH 00.530. Twelve computers are available; All have installed the required (Matlab, Modelsim, Xilinx, Vivado_HLS, Synopsys and Cadence) software you need for the design and implementation of your project.

In order to get a login account for these PC’s, you need to ‘register’ your NetID.

Send email to Antoon Frehe, a.p.frehe@tudelft.nl, Subject: NetID ET4351 or NetID ET4054, and your NetID.

If you want to make use of the Lab facilities / Veemhallen room LH 00.520 / LH 00.530, you need to upgrade your campus card.

What to do:

1. email our secretary: Minaksie Ramsoekh, mailto: M.W.S.Ramsoekh@tudelft.nl, include student name, campus card number and student number (picture of your campus card). She will prepare an authorization form

2. the next day, visit our secretary (HB17) and pickup your authorization form

3. go to LH 00.530 (ground floor) and your campus card will be upgraded

0.1.1 Remote Access (Rdesktop)

It is possible to use the ‘Rdesktop’ software tool to get access to a central Rdesktop server. Rdesktop is available for any machine including Windows, Apple, and Linux.

Logon with your NetId. In order to get access to the Rdesktop server, you need to ‘register’ your NetID.

Send email to Antoon Frehe, a.p.frehe@tudelft.nl, Subject: NetID ET4351 or NetID ET4054, and your NetID.

```
rdesktop -g 1280x900 -u YOURNETID xrdp.ewi.tudelft.nl
```

Sometimes you have to enter your password twice.

Then open a terminal window and connect to the Lab virtual machine: (Click ‘Applications Menu’ and then click 'Terminal Emulator’)

Then after the shell prompt type:

```
ssh -Y et4351.et.tudelft.nl
```

Or,

```
ssh -Y et4054.et.tudelft.nl
```

Enter your NetId passsword.

Your default login shell is the ‘tcsh’ C Shell interactive login shell.

You have now the same software facilities available as when using the Course Lab PC’s. Note: You have a disk quota on this machine. Default quota is 4GB.

The default shell is: ‘csh’.
Exit the remote ssh shell with: 'exit'.

Remote Desktop Log Out
Logoff NOT by clicking x but use the green man button aside of the Applications Menu button. It is ESSENTIAL that you uncheck/clear the 'Save session for future logins' checkbox. You will have to do this only once.

0.1.2 File transfer

If you need to transfer files from/to the Lab virtual machine and your local machine you need to use a VPN network connection.

(see also: http://vpn.tudelft.nl/)

This is an example of a default configuration for Linux when using VPNC (default.conf located in /etc/vpnc):

IKE DH Group dh2
Perfect Forward Secrecy nops
IPSec gateway luchtbbridge.tudelft.nl
IPSec ID public
IPSec secret wireless
Xauth username YOURNETID
#Xauth password YOURNETIDPASSWD
Debug 0