## Faculty of Computer Science – Printer Setup

You will need to complete the following 2 steps to be able to print to a FCS Printer.

- 1. Setup Printer Drivers
- 2. Register your Computer on the Print Server

## **Setup Printer Drivers**

First, search for and open "Devices and Printers" on your computer. Select "Add a printer" near the top of the page.



Next click "The printer that I want isn't listed" near the bottom.

	inters	
Printer Name	Address	
		Stop

Select the "Add a printer using TCP/IP address or hostname" option, then click "Next".

Fir	d a printer by other options		
0	elect a shared printer by name		Press
	Example: \\computername\printername o http://computername/printers/printernam	r ne/.printer	DION
۲	dd a printer using a TCP/IP address or hostn	ame	
0	dd a Bluetooth, wireless or network discover.	able printer	
0	dd a local printer or network printer with ma.	nual settings	

In the "Hostname or IP address" textbox, enter: printhost.cs.dal.ca. Then uncheck the "Query this printer and automatically select the driver to use" and press "Next".

Type a printer hostnan	ne or IP address	
Device type:	Autodetect	10
Hostname or IP address:	printhost.cs.dal.ca	
Port name:	printhost.cs.dal.ca_5	

Wait a couple minutes for the computer to find the printer.

Add Printer				
Detecting TCP/IF	port			
Detecting the Windows will a	TCP/IP port sutomatically move to	the next page when	the detection is done.	

When the page titled "Additional port information required" appears, select the "Custom" option at the bottom of the page, then click "Settings..." next to it.

and an an an an an	information required	
The device is not	found on the network. Be sure that:	
1. The device is	turned on.	
2. The network i	s connected.	
<ol> <li>The device is</li> <li>The address of</li> </ol>	properly configured.	
If you think the a	ddress is not correct, click Back to return to the prev	ious page. Then correct the
If you think the a address and perfe device type below Device Type	ddress is not correct, click Back to return to the prev orm another search on the network. If you are sure t v.	ious page. Then correct the he address is correct, select th
If you think the a address and perfor device type below Device Type O Standard	ddress is not correct, click Back to return to the prev orm another search on the network. If you are sure t v. Generic Network Card	ious page. Then correct the the address is correct, select the

A new window will open. Under the "Protocol" box, select the "LPR" option. Then, under the "LPR Settings" box, enter in the "Queue Name" textbox the name of the printer you wish to add. Then, in the same box, check the "LPR Byte Counting Enabled" checkbox, and click "Ok" at the bottom of the window.

Port Name:		printhost	.cs.dal.ca	_5	
Printer Name or IP Add	dress:	printhost	.cs.dal.ca	8	
Protocol			-	_	
C Raw				☞ LPR	
Raw Settings					210
Port Number:	9100	_			
LPR Settings			_		
Queue Name:	ugrad	I-2-lw			
☑ LPR Byte Countin	ng Enabled				
SNMP Status Ena	bled				
Community Name:	Inublic	-			
	public	~			

Now, in your previous window, click "Next".

and the of the state of the	t information required
The device is not	t found on the network. Be sure that:
1. The device is	turned on.
<ol> <li>The network i</li> <li>The device is</li> </ol>	is connected. properly configured.
4. The address o	on the previous page is correct.
	and the president page is concern
If you think the a address and perfo device type below	address is not correct, click Back to return to the previous page. Then correct the orm another search on the network. If you are sure the address is correct, select th w.
If you think the a address and perfo device type below Device Type	address is not correct, click Back to return to the previous page. Then correct the orm another search on the network. If you are sure the address is correct, select th w.
If you think the a address and perfo device type below Device Type O Standard	address is not correct, click Back to return to the previous page. Then correct the orm another search on the network. If you are sure the address is correct, select the w. Generic Network Card

On the next page, select the Manufacturer and Printer name of the printer you are adding (a list of printers with their names can be found at <u>https://print.cs.dal.ca/</u>). Most of the printers in the CS building are HP LaserJet printers (drivers can be found on the \\subzero\servappdc1 network directory or from the helpdesk USB driver stick). If the printer name isn't in the list, select the name closest to the name of the printer. When finished, click "Next".

Install the printer de	iver inter from the list. Click W	findows Update to see more mo	odels.
I o install the di Manufacturer Gestetner	Printers	r inkjet cp1700	
Hewlett-Packard HP InfoPrint	v <	or Laserlet 1600 Class Driver	*
This driver is digital	y signed.	Windows Update	Have Disk

On the next page, enter the name of the printer once again, then click "Next".

- 👼 Add Printer			
Type a printer	name		
Printer name:	ugrad-2-lw		
This printer will be i	nstalled with the HP Color LaserJet 2500	PCL 5 driver.	

Wait for the printer to be installed on your computer.

🖻 🖶 Add Printer	
Installing printer	
	provide and a second
	Next Cancel

In the next page, select the "Do not share this printer" option, then click "Next".

Printer Sharing		
you want to share this printer, you	must provide a share name. You can use the suggested n	ame or
/pe a new one. The share name will	be visible to other network users.	
Do not share this printer		
) Share this printer so that others or	your network can find and use it	
Share name:		
Location:		
Comment:		

If you wish, you may set it as your default printer. Finally, click "Finish".

You've successf	ully added ugr	ad-2-lw			
Set as the defai	ult printer				
To check if your prin test page.	ter is working prop	erly, or to see tro	ubleshooting info	ormation for the pr	inter, print
Print a test page	e				

## Register your Computer on Print Server

First visit <u>http://projects.cs.dal.ca/printq</u>. Click on the "Link your machine to your username" link at the top of the page.

DALHOUSIE Inspiring Minds		Cla	asses All Jobs	Printers
Search i	n Printers: Q			Search Clear
	s	howing 83	of 83 printers.	
▼ Queue Name ▼	Description	Location	Make and Model	Status
badprinter	Poorly configured printer	Badlands	Generic PostScript Printer	Idle
badprinter@milli- v105.cs.lan	Poorly configured printer	Badlands	Generic PostScript Printer on milli- v105.cs.lan	Idle
boeing-lw	HP LJ P2050 in Boeing Project	E600-441	HP LaserJet 2420 PS	Idle
boeing-lw@milli- v105.cs.lan	HP LJ P2050 in Boeing Project	E600-441	HP LaserJet 2420 PS on milli-v105.cs.lan	Idle
coburg-print1	HP LaserJet 2055 dN	Coburg Building	HP LaserJet 2200 Series PS	Idle - "Ready to print."
coburg-print1@milli-	HP LaserJet 2055	Coburg	HP LaserJet 2200	Lat-

2. If asked, enter your CSID and password, and click "Login".

eturn to Queue for 1	Printer Link your machine	e to your username		
Register y	our persona	al computer	for printing	
Login	-			
CS Username: CS Password:	る 後 Login			

3. On the next page, uncheck the "Temporary" checkbox, then click "Register Computer"

	Register	your personal con	nputer for prin	nting		
Lo	ogged in as: dpo	meroy Logout				
	Register					
		Hostname Us	ername on the Client compu if it is a multi-user machine	ter	Temporary	Time To Liv
	ta136.wpa.da	al.ca Leave this bi	ank if only one person uses i	this computer		1 day 🔹
	Register Comp	uter				
	Current ma	ppings for this CSID (dpomeroy)				
	Delete	Username on the host computer	Host	Temporary	Expiry	
			ta136.wpa.dal.ca		0000-00-00 00:00:00	