## **KITP Printing Setup for Linux/Ubuntu**

1. Go to the printers section of your system settings. Typically search for: "<u>System</u>", "<u>Settings</u>", "<u>Devices</u>", or "<u>Printers</u>".



 After the Printers window is open, click "<u>Add</u>" or "+", or the equivalent.

or search for "System" and then click "Printers")





3. Expand the "Network Printer" option, and select LPD/LPR.

For the **hostname**, use **print.kitp.ucsb.edu** 

For the **Queue** name, see the "**Print Queue Chart**" at the end of this guide, for reference

Select Device	
Devices	Location of the LPD network printer
Enter URI Vetwork Printer HP LaserJet 4050 (128.111.10.163 Find Network Printer	Host: print.kitp.ucsb.edu
Windows Printer via SAMBA Internet Printing Protocol (ipp14 Internet Printing Protocol (https) Internet Printing Protocol (ipps)	
LPD/LPR Host or Printer Internet Printing Protocol (ipp) AppSocket/HP JetDirect	

 Select the correct driver for the printer you selected. First click "<u>Select printer from</u> <u>database</u>" and then click "<u>HP</u>". Then find the printer model on the next screen (referring to the chart below). If there are multiple drivers available for the printer, select the one that says "<u>Postscript</u>", or "<u>PS</u>". Failing that, choose the recommended driver.

😣 🔿 🗉 Change Driver		😣 🖻 🗉 Change Driver			
Choose Driver		Г	Choose Driver		
e 🔕 Select printer from database	- 11	L			
○ Provide PPD file	ce	e	Models	Drivers	
<ul> <li>Search for a printer driver to download</li> </ul>	- 11	L	LaserJet 9000 Multifunction LaserJet 9000n	HP LaserJet 9040 Postscript [en] (recommo HP LaserJet 9040 pcl3, hpcups 3, 16, 3 [en]	
The foomatic printer database contains various manufacturer provided PostSc Printer Description (PPD) files and also can generate PPD files for a large numb PostScript) printers. But in general manufacturer provided PPD files provide be access to the specific features of the printer.	i e I	Ŀ			
		LaserJet 9040	HP LaserJet 9040 MFP pcl3. hpcups 3.16.3		
		L	LaserJet 9040 9050 MFP	HP Laser Jet 9040 Foomatic/Postscript [en]	
Makes			LaserJet 9040dn	HP LaserJet 9040 MFP Foomatic/Postscrip HP LaserJet 9040 MFP - CUPS+Gutenprint v HP LaserJet 9040 - CUPS+Gutenprint v5.2.1	
HP		L	LaserJet 9040 MFP		
IBM			LaserJet 9040 Multifunction		
HP IBM Imagen		۱	LaserJet 9040 Multifunction	HP LaserJet 9040 MFP - CUPS+Gutenprint v HP LaserJet 9040 - CUPS+Gutenprint v5.2.1	

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 Be sure to check the box that says <u>"Duplex</u>", otherwise, double-sided printing will not be available

🤗 🗇 🗊 New Printer						
Installable Options						
This driver supports additional hardware that may be installed in the pri						
🗌 Tray 1						
2000-Sheet Input Tray (Tray 4)						
🛛 Duplex Unit						
Printer Disk:	None 🔻					
Accessory Output Bins:	Not Installed 🔹					
Mailbox Mode:	Printer's Current Setting 🔻					

 Finally, name the printer (queue name recommended), and optionally fill in a description and/or location for the printer. Then print a test page; if it doesn't work, contact the Help Desk by emailing <u>help@kitp.ucsb.edu</u>, calling x7340, or stopping by room 2202.

😣 🗇 🗉 New Printer
Describe Printer
Describe Frincer
Printer Name
Short name for this printer such as "laserjet"
lw2202
Description (optional)
Human-readable description such as "HP LaserJet with Duplexer"
KITP B&W in 2202
Location (optional)
Human-readable location such as "Lab 1"
Upstairs, Rm. 2202



## Print Queue Chart

Printer Model (and Driver)	Location	Queue Name
HP Laserjet 9050DN	Downstairs, room 1018	lw1018
HP Laserjet 9040DN	Upstairs, room 2202	lw2202
HP Color Laserjet CP4020-4520 Series	Upstairs, room 2202	color2202
HP Laserjet MFP M725	Upstairs, room 2202	mfp2202