UNIX REFERENCE SHEET

TERMINAL COMMANDS

HELP

man	get information on a command
whatis	display brief description of command
which	find command in user's path
whereis	search for command

MISCELLANEOUS

alias	make nickname for a command
passwd	set or change login password
clear	clear screen
logout	exit login shell
exit	exit non-login shell
ps	report on active processes
top	display processes

FILE MANAGEMENT

ls	list files and directories
cd *dir*	change directory to *dir*
pwd *dir*	print "working" (i.e., current) directory
mkdir *dir*	create directory *dir*
rmdir *dir*	remove (empty) directory *dir*
cp *file dir*	copy file(s)
mv *file dir*	move file(s)
rm *file dir*	remove file(s)
file *file*	determine file-type
cat *file*	concatenate or display *file*
more *file*	display *file* one screen at a time
less *file*	search-able version of **more**
head *file*	display first lines of *file*
tail *file*	display last lines of *file*
wc *file*	count lines, words, characters in *file*
gzip *file*	compress *file*
gunzip *file*	uncompress *file*
grep *str file*	search *file* for lines containing *str*

PRINTING

lpr *file*	print *file*
lpq	check status of print jobs
lprm *num*	remove print job number *num*

REMOTE ACCESS AND COMMUNICATION

ssh	secure login to remote machine
scp	secure copy file(s) to/from remote machine
pine	email reader

TERMINAL: SPECIAL CHARACTERS & STRINGS

`<tab>`	'tab-completion'
~	home directory
.	current directory
..	up one directory
?	match any single character
*	match any characters
!*str*	redo command beginning with *str*
`<Pg-up>`	scroll up through commands
`<Drag left mouse button>`	select region (also Emacs)
`<Click left, click right>`	select region (also Emacs)
`<Click middle>`	paste region (also Emacs)

LINUX PROGRAMS

xterm	command-line terminal
emacs	text editor
gv (or **ghostview**)	viewer for postscript files
xpdf (or **acroread**)	viewer for PDF files
xv	viewer for images files
netscape	web browser
xcalc	scientific calculator

EMACS COMMANDS

`<Ctrl> x 2`	split window into two buffers
`<Ctrl> x 1`	keep only current buffer
`<Ctrl> x <Ctrl> f`	open file into buffer
`<Ctrl> x <Ctrl> s`	save
`<Ctrl> k`	delete current line
`<Ctrl> w`	delete selected region
`<Ctrl> y`	insert line or region
`<Ctrl> s`	search for string
`<Ctrl> r`	search backward for string
`<Alt> x replace-string`	search and replace string
`<Ctrl> g`	abort mini-buffer command
`<Ctrl> x (`	begin macro definition
`<Ctrl> x )`	end macro
`<Ctrl> x e`	execute macro
`<Esc> num`	execute next action *num* times
`<Ctrl> <Shift> -`	undo last action