

## CSC 357 Program 6 Generic Test Plan

The following is a generic test plan, with point values for the major categories of commands that will be tested.

Command Category	Example	Points
programs without arguments	ls, pwd	5
programs with arguments	ls, cat	5
input redirection	grep "x" < infile	5
output redirection	cat x > outfile	5
combined redirection	grep "x" < infile > outfile	4
two-stage pipe	ls   grep "x"	5
three-stage pipe	ls   grep "x"   nwc -n 5	5
10-stage pipe	echo x   cat   cat   ...   cat	4
15 inputs	echo a b c ... o	2
vssh script execution	vssh < script_file	4
command not found	nonexistent	3
permission denied	nonexecutable	3
backgrounding	prog &, prog > outfile &	5
interrupt	<i>using control-C</i>	5
suspend	<i>using control-Z</i>	5
resume	%1	4
re-execute	!1	4
change directory	cd, cd .., cd /home/...	5
job listing	jobs	5
background	bg	3
foreground	fg	3
history listing	history	5
kill job	kill %3	3
exit vssh	exit	3
		100