GNU Emacs Reference Card
(for version 19)

Starting Emacs
To enter GNU Emacs, just type its name: emacs
To read in a file to edit, see Files, below.

Leaving Emacs
suspend Emacs (or iconify it under X) C-c
exit Emacs permanently C-x 0

Files
read a file into Emacs C-x C-f
save a file back to disk C-x C-s
save all files C-x s
insert contents of another file into this buffer C-x i
replace this file with the file you really want
write buffer to a specified file C-x w

Getting Help
The Help system is simple. Type C-h t for a tutorial,
remove Help window C-x 1
scroll Help window ESC C-y
apropos: show commands matching a string
show the function a key runs C-b
describe a function C-h f
get modspecific information C-h n

Error Recovery
abort partially typed or executing command C-g
recover a file lost by a system crash M-x recover-file
undo an unwanted change C-x u or C-x u
restore a buffer to its original contents M-x recover-buffer
regrow garbage screen C-l

Incremental Search
search forward C-s
search backward C-r
regular expression search C-o
reverse regular expression search C-g
select previous search string M-p
select next later search string M-n
exit incremental search RET

Use C-s or C-r again to repeat the search in either direction,
if Emacs is still searching, C-g cancels only the Part not done,
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Motion
entity to move over
character backward forward
word C-b C-f
line M-b M-f
go to line beginning (or end) C-p C-n
sentence M-a M-o
paragraph M-+ M-–
page
sexp C-x [ ] C-x ]
function
go to buffer beginning (or end) C-x
scroll to next screen C-a
scroll to previous screen C-x < C-x >
scroll left C-x l
scroll right C-x r
scroll current line to center of screen C-x = C-x 1

Killing and Deleting
entity to kill character (delete, not kill)
word backward forward DEL C-d
line (to end of) M-DEL M-d
sentence M-o C-x k
sexp M-x C-x k
kill region C-x a
copy region to kill ring M-x C-x k
kill through next occurrence of char C-x y
yank back last thing killed C-y
replace last yank with previous kill M-y

Marking
set mark here C-x 0 or C-x SPC
exchange point and mark C-x C-x
set mark arg words away C-x 0
mark paragraph C-x C-p
mark page C-x M-b
mark sexp C-x M-d
mark function C-x M-a
mark entire buffer C-x b

Query Replace
interactively replace a (sexp) string
using regular expressions M-x query-replace-regexp
Valid responses in query-replace mode are
replace this one, go to next replace this one, don't move
skip to next without replacing replace all remaining matches !
back up to the previous match DEL
exit query-replace ESC
enter recursive edit (C-x M-c to exit) C-r

Multiple Windows
delete all other windows C-x 1
delete this window C-x 0
split window in two vertically C-x 2
split window in two horizontally C-x 3
scroll other window C-x 6
switch cursor to another window M-x
shrink window shorter M-x shrink-window
grow window taller C-x +
shrink window narrower C-x -
grow window wider C-x -
select buffer in other window C-x 4 C-b
display buffer in other window C-x 4 C-o
find file in other window C-x 4 f
find file randomly in other window C-x 4 r
run Dired in other window C-x 4 d
find tag in other window C-x 4 .

Formatting
indent current line (mod-dependent) TAB
indent region (mod-dependent) C-x M-
indent sexp (mod-dependent) C-x M-a
indent region rigidly arg columns C-x M-TAB
insert newline after point C-o
move rest of line vertically down C-x k
delete blank lines around point C-x 0
join line with previous (with arg, next)
delete all white space around point C-x 0
put exactly one space at point C-x SPC
fill paragraph C-x 1
set fill column C-x f
set prefix each line starts with C-x

Case Change
uppercase word M-u
lowercase word M-l
capitalize word C-x C-a
uppercase region C-x 0
lowercase region C-x 1
capitalize-region M-x capitalize-region

The Minibuffer
The following keys are defined in the minibuffer,
complete as much as possible TAB
complete up to one word SPC
complete and execute RET
show possible completions ?
fetch previous minibuffer input M-p
fetch next minibuffer input M-x
regexp search backward through history M-s
regexp search forward through history M-s
abort command C-g
Type C-x ESC ESC ESC to edit and repeat the last command that
used the minibuffer. The following keys are then defined,
previous minibuffer command M-p
next minibuffer command M-n