Summary of basic EMACS commands

notation

C-x   means press the Control key and while holding it down press the
        x key.

M-x   means press the Esc key and x key.

Similarly for other characters than x.

↩ means Return

← means backspace or Del depending on keyboard

⊔ means spacebar.

commands via menue bar on top of emacs are framed, e.g. File

open/close emacs session:

emacs -font 10x20 &   opens emacs session within X-windows

emacs -nw opens emacs within a terminal

C-x C-c   kills emacs session

help/information

http://www.eg.bucknell.edu/%7Ecs203/manual.pdf

    → The Emacs Editor   or

C-h t   typed within emacs session, gives tutorial (or Help)

file(s) reading and saving

C-x C-f filename   reads in existing file or creates file

C-x 4-f   splits into two windows and asks for second file

C-x 2   splits into two windows, both with same file

C-x o   switches cursor between windows

C-x 1   goes back to one window (in which cursor is)

C-x C-s   saves file if already existing under same filename

C-x C-w   saves file

stop command

C-g   quits, useful whenever you like to get out of any mistake

C-x u   undo command

insert, delete or copy text (see also Edit)

to insert characters just type them

delete:

        ←   deletes character before cursor

        C-d   deletes character after cursor

delete(continued):

                    `M-←` deletes word before cursor
                    `M-d`   deletes word after cursor
                    `C-k`   deletes to end of current line
                    `M-k`   deletes sentence

highlighted section:

               delete: go to beginning, `C-⊔`, go to end, `C-w`
               insert: after deleting section, go to position of insertion, `C-y`
                        `C-y` (yank) works also after `C-k` to insert line
               copy: same as delete and insert but replace `C-w` by `M-w`

cursor positions (see also $\boxed{\text{Edit}} \rightarrow \boxed{\text{Go To}}$)

`C-f`   move to right one character
`C-b`   move to left one character
`C-p`   move up one line
`C-n`   move down one line
`M-b`   move back one word
`M-f`   move forward one word
`C-a`   move to beginning of line
`C-e`   move to end of line
`C-v`   move down one screen
`M-v`   move up one screen
`M-<`   move to start of file
`M->`   move to end of file
`C-u 5 C-f` moves 5 characters to right
      `C-u # command`   repeats for almost all cases the command # times
`C-l`   centers text around cursor
`M-x goto-line ↩ #`   goes to line #

search and replace (see also $\boxed{\text{Edit}} \rightarrow \boxed{\text{Search}}$)

`M-%` `to_be_replaced_string` ↩ `replacing_string`
     then !   replaces all
           ←   skips highlighted string
           ⊔   replaces highlighted string
forward: `C-s string`   searches for string
       `C-s string C-s`   searches for second time string
       ← or `C-g`   terminates search

backwards: `C-r` instead of `C-s`