

## GNU Emacs

### Reference Card Computing and Information Technology

Replacing Text	
Replace <i>foo</i> with <i>bar</i>	<i>M-x replace-string</i> <i>foo bar</i>
Query replacement...	<i>M-x query replace</i>
...then replace	<Space>
...then skip to next	<Backspace>
...then replace and exit	<Period>
...then replace all	!
...then go back	^
...then exit query	<Esc>
Setting a Mark	
Set mark here	<i>C-&lt;Space&gt;</i> or <i>C-@</i>
Exchange point and mark	<i>C-x C-x</i>
Mark paragraph	<i>M-h</i>
Mark entire file	<i>C-x h</i>
Sorting Text	
Normal sort	<i>M-x sort-lines</i>
Reverse sort	<Esc>-1 <i>M-x sort lines</i>
Inserting Text	
Scan file <i>fn</i>	<i>M-x view-file fn</i>
Write buffer to file <i>fn</i>	<i>M-x write-file fn</i>
Insert file <i>fn</i> into buffer	<i>M-x insert-file fn</i>
Write region to file <i>fn</i>	<i>M-x write-region fn</i>
Write region to end of file <i>fn</i>	<i>M-x append-to-file fn</i>
Write region to beginning of specified buffer	<i>M-x prepend-to-buffer</i>
Directory Operations	
Display verbose directory	<i>C-x d</i>
Display concise directory	<i>C-x C-d</i>
Find a file	<i>C-x C-f</i>
Help	
Enter help system	<i>C-h</i>
Run help terminal	<i>C-h t</i>
Remove help window	<i>C-x l</i>
Scroll help window	<i>M-C-v</i>
Show command apropos	<i>C-h a</i>
Show function of a key	<i>C-h c</i>
Describe a function	<i>C-h f</i>
Get mode-specific information	<i>C-h m</i>
Spell Checker	
Check word	<i>M-x ispell-word</i>
Check region	<i>M-x ispell-region</i>
Check buffer	<i>M-x ispell-buffer</i>

## GNU Emacs

### Reference Card Computing and Information Technology

Replacing Text	
Replace <i>foo</i> with <i>bar</i>	<i>M-x replace-string</i> <i>foo bar</i>
Query replacement...	<i>M-x query replace</i>
...then replace	<Space>
...then skip to next	<Backspace>
...then replace and exit	<Period>
...then replace all	!
...then go back	^
...then exit query	<Esc>
Setting a Mark	
Set mark here	<i>C-&lt;Space&gt;</i> or <i>C-@</i>
Exchange point and mark	<i>C-x C-x</i>
Mark paragraph	<i>M-h</i>
Mark entire file	<i>C-x h</i>
Sorting Text	
Normal sort	<i>M-x sort-lines</i>
Reverse sort	<Esc>-1 <i>M-x sort lines</i>
Inserting Text	
Scan file <i>fn</i>	<i>M-x view-file fn</i>
Write buffer to file <i>fn</i>	<i>M-x write-file fn</i>
Insert file <i>fn</i> into buffer	<i>M-x insert-file fn</i>
Write region to file <i>fn</i>	<i>M-x write-region fn</i>
Write region to end of file <i>fn</i>	<i>M-x append-to-file fn</i>
Write region to beginning of specified buffer	<i>M-x prepend-to-buffer</i>
Directory Operations	
Display verbose directory	<i>C-x d</i>
Display concise directory	<i>C-x C-d</i>
Find a file	<i>C-x C-f</i>
Help	
Enter help system	<i>C-h</i>
Run help terminal	<i>C-h t</i>
Remove help window	<i>C-x l</i>
Scroll help window	<i>M-C-v</i>
Show command apropos	<i>C-h a</i>
Show function of a key	<i>C-h c</i>
Describe a function	<i>C-h f</i>
Get mode-specific information	<i>C-h m</i>
Spell Checker	
Check word	<i>M-x ispell-word</i>
Check region	<i>M-x ispell-region</i>
Check buffer	<i>M-x ispell-buffer</i>

## GNU Emacs

### Reference Card Computing and Information Technology

Beginning a Session	
Edit file <i>fn</i>	<i>emacs fn</i>
Moving the Cursor	
Forward one character	<i>C-f</i>
Forward one word	<i>M-f</i>
Forward to end of line	<i>C-e</i>
Backward one character	<i>C-b</i>
Backward one word	<i>M-b</i>
Backward to beginning of line	<i>C-a</i>
Up one line	<i>C-p</i>
Down one line	<i>C-n</i>
Go to line number <i>n</i>	<i>M-x goto-line n</i>
Display current line number	<i>M-x what-line</i>
Paging Through Text	
Forward one screen	<i>C-v</i>
Backward one screen	<i>M-v</i>
Forward to end of file	<i>M-&gt;</i>
Backward to beginning of file	<i>M-&lt;</i>
Redraw screen	<i>C-l</i>
Modifying Text	
Delete character before cursor	<i>&lt;Backspace&gt;</i>
Delete character under cursor	<i>C-d</i>
Kill word before cursor	<i>M-&lt;Backspace&gt;</i>
Kill next word after cursor	<i>M-d</i>
Kill to end of line	<i>C-k</i>
Kill to beginning of line	<i>C-x &lt;Delete&gt;</i>
Kill to end of current sentence	<i>M-k</i>
Kill to beginning of current sentence	<i>C-x &lt;Backspace&gt;</i>
Recovering Text (Yanking)	
Yank back last thing killed	<i>C-y</i>
Yank back pervious text	<i>M-y</i>
Searching	
Search forward	<i>C-s</i>
Search backward	<i>C-r</i>
Exit search	<i>&lt;Esc&gt;</i>
Saving	
Save file	<i>C-x C-s</i>
Save file and exit	<i>C-x C-c</i>
Suspend emacs	<i>C-z</i>

***C-chr*** Keystroke combination of holding down the ***<Control>*** key and pressing ***chr***.

***M-chr*** Keystroke combination of holding down the ***<Meta>*** key and pressing ***chr***.  
If there is no ***<Meta>*** key on your keyboard, press ***<Esc>***, release, and then press ***chr***.

## GNU Emacs

### Reference Card Computing and Information Technology

Beginning a Session	
Edit file <i>fn</i>	<i>emacs fn</i>
Moving the Cursor	
Forward one character	<i>C-f</i>
Forward one word	<i>M-f</i>
Forward to end of line	<i>C-e</i>
Backward one character	<i>C-b</i>
Backward one word	<i>M-b</i>
Backward to beginning of line	<i>C-a</i>
Up one line	<i>C-p</i>
Down one line	<i>C-n</i>
Go to line number <i>n</i>	<i>M-x goto-line n</i>
Display current line number	<i>M-x what-line</i>
Paging Through Text	
Forward one screen	<i>C-v</i>
Backward one screen	<i>M-v</i>
Forward to end of file	<i>M-&gt;</i>
Backward to beginning of file	<i>M-&lt;</i>
Redraw screen	<i>C-l</i>
Modifying Text	
Delete character before cursor	<i>&lt;Backspace&gt;</i>
Delete character under cursor	<i>C-d</i>
Kill word before cursor	<i>M-&lt;Backspace&gt;</i>
Kill next word after cursor	<i>M-d</i>
Kill to end of line	<i>C-k</i>
Kill to beginning of line	<i>C-x &lt;Delete&gt;</i>
Kill to end of current sentence	<i>M-k</i>
Kill to beginning of current sentence	<i>C-x &lt;Backspace&gt;</i>
Recovering Text (Yanking)	
Yank back last thing killed	<i>C-y</i>
Yank back pervious text	<i>M-y</i>
Searching	
Search forward	<i>C-s</i>
Search backward	<i>C-r</i>
Exit search	<i>&lt;Esc&gt;</i>
Saving	
Save file	<i>C-x C-s</i>
Save file and exit	<i>C-x C-c</i>
Suspend emacs	<i>C-z</i>

***C-chr*** Keystroke combination of holding down the ***<Control>*** key and pressing ***chr***.

***M-chr*** Keystroke combination of holding down the ***<Meta>*** key and pressing ***chr***.  
If there is no ***<Meta>*** key on your keyboard, press ***<Esc>***, release, and then press ***chr***.