AUCTeX Reference Card

(for version 11.50)

Conventions Used

Carriage Return or `C-m`	`RET`
Tabular or `C-i`	`TAB`
Linefeed or `C-j`	`LFD`

Shell Interaction

Run a command on the master file	`C-c C-c`
Run a command on the buffer	`C-c C-b`
Run a command on the region	`C-c C-r`
Fix the region	`C-c C-t C-r`
Kill job	`C-c C-k`
Recenter output buffer	`C-c C-l`
Next error in TeX/LaTeX session	`C-c ‘`
Toggle debug of wonderful boxes	`C-c C-w`
View output file	`C-c C-v`

Commands you can run on the master file (with `C-c C-c`) or the region (with `C-c C-r`) include the following (starred versions are not available in all modes):

TeX	`*TeX`
LaTeX	`*LaTeX`
ConTeXt (once)	`*ConTeXt`
ConTeXt Full	`*ConTeXt Full`
Makeinfo	`*Makeinfo`
Makeinfo with HTML output	`*Makeinfo HTML`
Appropriate previewer	`View`
Print the output	`Print`
BibTeX	`BibTeX`
MakeIndex	`Index`
LaCheck	`Check`
Make (PostScript) File	`File`
Ispell	`Spell`

TeXing options

TeX runs can come in various types, which may be toggled and are indicated in the mode line.

PDF/DVI mode	`C-c C-t C-p`
Stop on errors (Interactive mode)	`C-c C-t C-i`
Use Source Specials for viewer control	`C-c C-t C-s`

Command Insertion

Insert Section	`C-c C-s`
Insert LaTeX environment	`C-c C-e`
Insert item	`C-c LFD`
Insert item (alias)	`M-RET`
Close LaTeX environment	`C-c ]`
Insert TeX macro `\{}`	`C-c C-m`
Insert double brace	`C-c {`
Complete TeX macro	`M-TAB`
Smart “quote”	`"`
Smart “dollar”	`$`

Font Selection

Insert **bold** text	`C-c C-f C-b`
Insert *italics* text	`C-c C-f C-i`
Insert roman text	`C-c C-f C-r`
Insert *emphasized* text	`C-c C-f C-e`
Insert `typewriter` text	`C-c C-f C-t`
Insert *slanted* text	`C-c C-f C-s`
Delete font	`C-c C-f C-d`
Replace font	`C-u C-c C-f` ⟨key⟩

Source Formatting

Indent current line	`TAB`
Indent next line	`LFD`
Format a paragraph	`M-q`
Format a region	`C-c C-q C-r`
Format a section	`C-c C-q C-s`
Format an environment	`C-c C-q C-e`
Mark an environment	`C-c .`
Mark a section	`C-c *`
Comment or uncomment region	`C-c ;`
Comment or uncomment paragraph	`C-c %`

Multifile Handling

Save Document	`C-c C-d`
Switch to master file or active buffer	`C-c ^`
Query for a master file	`C-c _`

Source Display

Toggle folding mode	`C-c C-o C-f`
Hide all items in buffer	`C-c C-o C-b`
Hide current macro	`C-c C-o C-m`
Hide current environment	`C-c C-o C-e`
Show all items in buffer permanently	`C-c C-o C-x`
Show current item permanently	`C-c C-o C-c`

Miscellaneous

Show documentation	`C-c TAB`
Math Mode	`C-c ~`
Reset Buffer	`C-c C-n`
Reset AUCTeX	`C-u C-c C-n`

Copyright © 1987, 1993, 2004 Free Software Foundation, Inc.
Copyright © 1992 Kresten Krab Thorup
for AUCTeX version 11.50

Permission is granted to make and distribute copies of this card provided the copyright notice and this permission notice are preserved on all copies.

Math Mode

Variables

All math mode commands are under the prefix key specified by LaTeX-math-abbrev-prefix, default is ”‘”.

You can define your own math mode commands by setting the variable LaTeX-math-list before loading LaTeX-math-mode.

Greek Letters

α	(alpha)	`a`	τ	(tau)	`t`
β	(beta)	`b`	υ	(upsilon)	`u`
γ	(gamma)	`g`	ϕ	(phi)	`f`
δ	(delta)	`d`	χ	(chi)	`q`
ϵ	(epsilon)	`e`	ψ	(psi)	`y`
ζ	(zeta)	`z`	ω	(omega)	`w`
η	(eta)	`h`	Δ	(Delta)	`D`
θ	(theta)	`j`	Γ	(Gamma)	`G`
κ	(kappa)	`k`	Θ	(Theta)	`Q`
λ	(lambda)	`l`	Λ	(Lambda)	`L`
μ	(mu)	`m`	Π	(Pi)	`P`
ν	(nu)	`n`	Σ	(Sigma)	`S`
ξ	(xi)	`x`	Υ	(Upsilon)	`U`
π	(pi)	`p`	Φ	(Phi)	`F`
ρ	(rho)	`r`	Ψ	(Psi)	`Y`
σ	(sigma)	`s`	Ω	(Omega)	`W`

Symbols

$\rightarrow$	(rightarrow)	`C-f`	$\supseteq$	(supseteq)	`]`
$\leftarrow$	(leftarrow)	`C-b`	$\emptyset$	(emptyset)	`0`
$\uparrow$	(uparrow)	`C-p`	$\setminus$	(setminus)	`\`
$\downarrow$	(downarrow)	`C-n`	$\cup$	(cup)	`+`
$\leq$	(leq)	`<`	$\cap$	(cap)	`-`
$\geq$	(geq)	`>`	$\langle$	(langle)	`(`
$\tilde{x}$	(tilde)	`~`	$\rangle$	(rangle)	`)`
∇	(nabla)	`N`	exp	(exp)	`C-e`
∞	(infty)	`I`	sin	(sin)	`C-s`
$\forall$	(forall)	`A`	cos	(cos)	`C-c`
$\exists$	(exists)	`E`	sup	(sup)	`C-^`
$/$	(not)	`/`	inf	(inf)	`C-_`
$\in$	(in)	`i`	det	(det)	`C-d`
$\times$	(times)	`*`	lim	(lim)	`C-l`
$\cdot$	(cdot)	`.`	tan	(tan)	`C-t`
$\subset$	(subset)	`{`	$\hat{x}$	(hat)	`^`
$\supset$	(supset)	`}`	$\vee$	(vee)	`|`
$\subseteq$	(subseteq)	`[`	$\wedge$	(wedge)	`&`

Miscellaneous

cal letters	`c` LETTER