AUCTeX Reference Card

(for version 11.52)

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.

Ω mode	C-c C-t C-o
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

Miscellaneous

Read AUCTeX manual	C-c TAB
Math Mode	C-c ~
Reset Buffer	C-c C-n
Reset AUCTeX	C-u C-c C-n

Multifile Handling

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

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
Insert SMALL CAPS text	C-c C-f C-c
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 %

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

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⟩