The following collection of 'inline' symbols might be helpful. (Thanks to Vivek for the prompt.)

A. Propositional and predicate logic

Lecture 1: Introduction and propositions

$\neg$	negation (not)
$\wedge$	conjunction (and)
$\vee$	disjunction (or)
$\Rightarrow$	implication
$\Leftrightarrow$	equivalence

Lecture 2: Predicate logic

:	declaration
$\forall$	universal quantification
$\exists$	existential quantification
$[\ldots/\ldots]$	substitution

Lecture 3: Equality

$=$	equality
$\exists_1$	'There is a unique value that ...'
μ	'The unique value that ...'

B. Sets, relations, functions, and sequences

Lecture 5: Sets and types

$\{\ldots\}$	set
$==$	abbreviation
$\in$	'is an element of'
$\notin$	'not an element of'

$\subseteq$	subset
$\subset$	strict subset
$\emptyset$ or $\{\}$	empty set
$\mathbb{P}$	power set (set of subsets)
$\mathbb{F}$	set of finite subsets
$\#$	cardinality (of a finite set)
$\times$	Cartesian product
$(\ldots, \ldots)$	ordered pair
.	component selection
$\cup$	union
$\cap$	intersection
$\setminus$	set difference
$\bigcup$	distributed union
$\bigcap$	distributed intersection
$\mathbb{Z}$	the set of integers

Lecture 6: Definitions

$[\ldots]$	Basic type definition

Lecture 7: Relations

$\mapsto$	maplet
$X \leftrightarrow Y$	The set of all relations between X and Y
dom	domain
ran	range
$\lhd$	domain restriction
$\rhd$	range restriction
$\unlhd$	domain corestriction
$\unrhd$	range corestriction
$\sim$	relational inverse
$(\!\mid\!)$	relational image
$\fatsemi$	relational composition
^{r}	reflexive closure
^{s}	symmetric closure
$^+$	transitive closure
*	reflexive, transitive closure

Lecture 8: Functions

$X \pfun Y$	The set of all (partial) functions between X and Y
$X \fun Y$	The set of all total functions between X and Y
$X \pinj Y$	The set of all (partial) injections between X and Y
$X \inj Y$	The set of all total injections between X and Y
$X \psurj Y$	The set of all (partial) surjections between X and Y
$X \surj Y$	The set of all total surjections between X and Y
$X \pbij Y$	The set of all (partial) bijections between X and Y
$X \bij Y$	The set of all total bijections between X and Y
$X \ffun Y$	The set of all finite functions between X and Y
λ	Lambda
$\oplus$	Function override
$..$	'up to'

Lecture 9: Sequences

$\seq X$	The set of all sequences of type X
$\iseq X$	The set of all injective sequences of type X
$\langle \ldots \rangle$	sequence
$\frown$	concatenation
$\upharpoonright$	filter
$\#$	length (overloading of the cardinality operator)
head	head
tail	tail
reverse	reverse
squash	squash
$\bag X$	The set of all bags of type X
$[\![\ldots]\!]$	bag