This glossary contains notation that has been (or will be) used in SCI199 (Great Ideas in Computing).

α	Greek letter alpha
β	Greek letter beta
λ	Greek letter lambda
ϵ	Greek letter epsilon
Σ	Greek (capital) letter sigma
Σ^*	Denotes set of all finite strings over the alphabet Σ
$f : A \to B$	Denotes that function f maps elements in set A to set B
$\approx$	approximate equality
$\lceil x \rceil$	minimum integer $n \geq x$
$\lfloor x \rfloor$	maximum integer $n \leq x$
$\emptyset$	empty set
ln	natural logarithm
log	logarithm base 2
$\mathbf{E}[\cdot]$	mathematical expectation
$\Pr[\mathcal{E}]$	probability of event $\mathcal{E}$
$\Pr[\mathcal{E}_\infty \mid \mathcal{E}_\in]$	conditional probability of $\mathcal{E}_\infty$ given $\mathcal{E}_\in$
$O(f)$	big-oh notation
$\Omega(f)$	big-omega notation
$\Theta(f)$	big-theta notation
$\mathbb{N}$	non-negative integers
$\mathbb{R}$	real numbers