## CS 161 - Assignment 5

## Lowell Bander

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1

P	Q	$P \Longrightarrow \neg Q$	$Q \Longrightarrow \neg P$
F	F	T	${ m T}$
F	Т	T	${ m T}$
T T	F	T	${ m T}$
Τ	Т	F	F

P	Q	$P \iff \neg Q$	$((P \land \neg Q) \lor (\neg P \land Q))$
$\overline{F}$	F	F	F
F	Τ	${ m T}$	${f T}$
$\mathbf{T}$	F	${ m T}$	${ m T}$
$\mathbf{T}$	Τ	F	${ m F}$