

VE270 Lecture 10 FSM

Synchronous FSM

FSM behaviors synchronized to the active edge of clock.

FSM shows clock change	Synchronous FSM
<p>Inputs: b; Outputs: x</p>	<p>Inputs: b; Outputs: x</p>

Common State Transition Property

- Only one condition should be true, among all transitions leaving a state
- One condition must be true, for any input combination
- All conditions must be considered when leaving a state



