



Courseware Course Info Discussion Wiki Progress Discussion Guidelines Resources Exploring Engineering  
Syllabus How to Use Jade

Help

## MULTIPROCESSING AND MULTICORE



5:50 / 5:50

1.0x

Download transcript .txt

Show Discussion

New Post

### 1. CHECK YOUR UNDERSTANDING (1/1 point)

Which of the following is an incorrect statement regarding multiprocessor systems?

- ☐ Multiprocessor systems can generally tolerate hardware failures better than uniprocessor systems.
- ☒ Multiprocessor systems are generally easier to program than uniprocessor systems. ✓
- ☐ In a shared memory multiprocessor, threads can communicate values to each other through loads and stores to the shared memory.

Help

**EXPLANATION**

Because they have multiple CPUs, a multiprocessor system can remain operational if one CPU fails, unlike a uniprocessor system.

Multiprocessor systems are generally more difficult to program, since they comprise multiple threads that must coordinate their activities.

Since all threads share the memory in a shared memory multiprocessor, they can communicate through loads and stores.

Final Check

**Save**

Hide Answer

*You have used 1 of 2 submissions*

Show Discussion

 New Post

EdX offers interactive online classes and MOOCs from the world's best universities. Online courses from MITx, HarvardX, BerkeleyX, UTx and many other universities. Topics include biology, business, chemistry, computer science, economics, finance, electronics, engineering, food and nutrition, history, humanities, law, literature, math, medicine, music, philosophy, physics, science, statistics and more. EdX is a non-profit online initiative created by founding partners Harvard and MIT.





© 2015 edX Inc.

EdX, Open edX, and the edX and Open edX logos are registered trademarks or trademarks of edX Inc.

[Terms of Service and Honor Code](#)

[Privacy Policy \(Revised 10/22/2014\)](#)

POWERED BY  
**OPENedX**

**About edX**[About](#)[News](#)[Contact](#)[FAQ](#)[edX Blog](#)[Donate to edX](#)[Jobs at edX](#)**Follow Us** Facebook Twitter LinkedIn Google+ Tumblr Meetup Reddit Youtube