

# COMP 322: Fundamentals of Parallel Programming (Spring 2021)

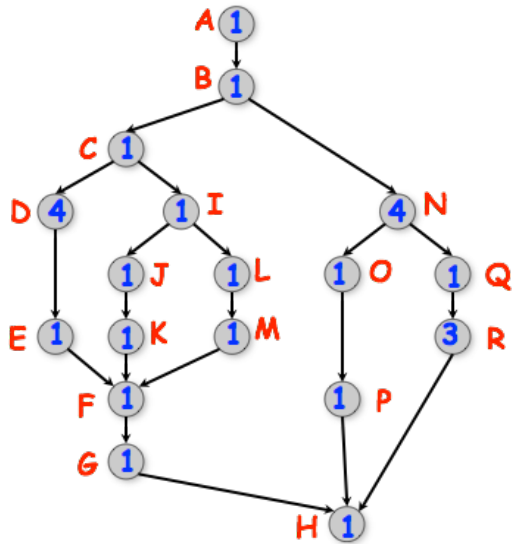
Instructor: Mack Joyner

## Worksheet 3: due at start of class on Monday

*Honor Code Policy for Worksheets: You are free to discuss all aspects of in-class worksheets with your other classmates, the teaching assistants and the professor during the class. You can work in a group and write down the solution that you obtained as a group. If you use any material from external sources, you must provide proper attribution.*

### Multiprocessor Scheduling

Create a greedy schedule for the graph below on  $P=2$  processors, analogous to the 3-processor schedule shown in slide 8. What is the completion time for your schedule? How does it compare with the CPL and the WORK/P values for the graph?



Start time	Proc 1	Proc 2
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		