

## CGGC 5005 Module 5 in-class exercises - Solution

Determine the critical path

	Activity	Predecessors	Duration (days)
A	Excavate	-	3
B	Foundation	A	15
C	Rough Walls	B	25
D	Roof	C	5
E	Exterior Plumbing	C	5
F	Electrical Work	C	20
G	Exterior Siding	D	5
H	Interior Plumbing	E	20
I	Drywall installation	F,H	7
J	Exterior Painting	E,G	5
K	Flooring	I	5
L	Interior Painting	I	5
M	Exterior Fixtures	J	2
N	Interior Fixtures	K,L	10
O	Final Inspection	M,N	1

What is the Critical Path?

*See diagram on the next page*

A-B-C-E-H-I K-N- O AND A-B-C-E-H-I L-N- O

Which path has the most float/slack?

A-B-C-D-G-J-M-O

