

## CPM solution

Activity	Duration	ET	LT	TF
Training	6	initial activity 0	LT(3) = 26-8=18 LT(4) = 16-7=9 9	<b>9-0-6</b> <b>3</b>
Purchasing	9	initial activity 0	LT(3) = 26-8=18 LT(4) = 16-7=9 9	<b>9-0-9</b> <b>0</b>
Production	8	ET(1) = 0+6=6 ET(2) = 0+9=9 9	LT(6) = 38-12=26 26	<b>26-9-8</b> <b>9</b>
Quality control	7	ET(1) = 0+6=6 ET(2) = 0+9=9 9	LT(5) = 26-10=16 16	<b>16-9-7</b> <b>0</b>
Assembling	10	ET(4) = 9+7=16 16	LT(6) = 38-12=26 26	<b>26-16-10</b> <b>0</b>
Transporting	12	ET(3) = 8+9=17 ET(5) = 16+10=26 26	terminal activity 38	<b>38-26-12</b> <b>0</b>

Critical path:

Purchasing → Quality control → Assembling → Transporting