
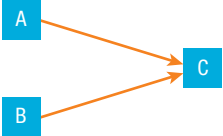
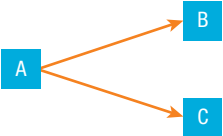
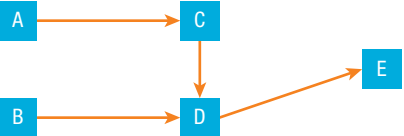
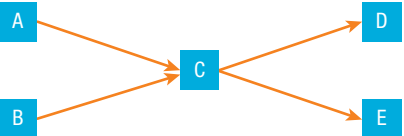


FIGURE 3.10: Common Types of Activity Relationships (Using the AON Convention)

ACTIVITY RELATIONSHIPS	NETWORK LOGIC
Activity B can start when activity A is completed.	 <pre>graph LR; A[A] --> B[B]</pre>
Activity C can start when both activity A and activity B are completed. Sometimes called a merge activity.	 <pre>graph LR; A[A] --> C[C]; B[B] --> C[C]</pre>
Activities B and C can start when activity A is completed. Sometimes called a burst activity.	 <pre>graph LR; A[A] --> B[B]; A[A] --> C[C]</pre>
Activity C can start when activity A is completed. Activity D can start when activities B and C are completed. Activity E can start when activity D is completed.	 <pre>graph LR; A[A] --> C[C]; B[B] --> D[D]; C[C] --> D[D]; D[D] --> E[E]</pre>
Activity C can only start when activities A and B are completed. Activities D and E can start when activity C is completed.	 <pre>graph LR; A[A] --> C[C]; B[B] --> C[C]; C[C] --> D[D]; C[C] --> E[E]</pre>