

# Gantt Chart, PERT, CPM Compatibility Matrix

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## Instructions:

1. Print out the matrix; then gather a set of highlighters or colored pens.
2. Highlight each "I Want to" item according to its importance: green for "must-have," yellow for "nice-to-have," and red for "not necessary."
3. Compare each method's column for green "yes" responses; then consider yellow "yes" responses to determine which method best aligns with your highlighted priorities.

I Want to...	CPM	PERT	Gantt	CPM + PERT
Analyze large and complex projects	Yes	Yes	No	Yes
Use the critical path to determine project duration	Yes	Yes	No	Yes
Focus on time, schedule, and resource allocation	Yes	No	Yes	Yes
Understand task acceleration techniques like crashing	Yes	No	No	Yes
Assess projects with variable and uncertain time frames	No	Yes	No	Yes
Accelerate project completion by identifying essential tasks	Yes	Yes	No	Yes
Adjust the schedule when unforeseen challenges arise	Yes	No	No	Yes
Simplify project management for small projects	No	No	Yes	No
Avoid complexity and extensive data collection	No	No	Yes	No
Obtain a quick and easy-to-understand visualization	No	No	Yes	No
Focus solely on task durations and not on task dependencies	No	No	Yes	No



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