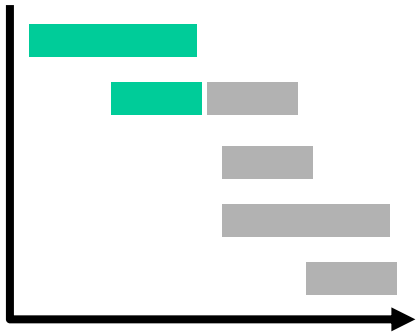
Continuous Improvement Toolkit

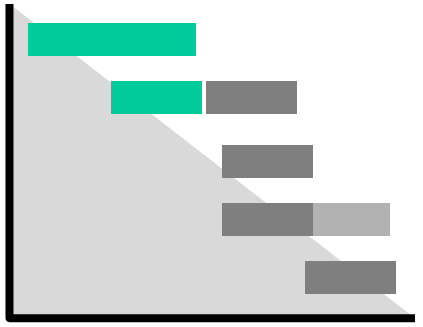
Gantt Chart




Managing Risk
PDPC
FMEA
RAID Logs
Fault Tree Analysis
Risk Assessment*
Traffic Light Assessment
Deciding & Selecting
Pros and Cons
Importance-Urgency Mapping
Break-even Analysis
Cost -Benefit Analysis
Force Field Analysis
Voting
Pugh Matrix
Decision Tree
TPN Analysis
QFD
Matrix Diagram
Kano Analysis
Prioritization Matrix
Critical-to Tree
Paired Comparison
Planning & Project Management*
RACI Matrix
Stakeholders Analysis
PEST
PERT/CPM
Activity Diagram
SWOT
Roadmaps
Project Charter
Gantt Chart
PDCA
Control Planning
Gap Analysis
Hoshin Kanri
Kaizen
How-How Diagram
Tree Diagram**
Standard work
Lean Measures
KPIs
OEE
Capability Indices
MSA
RTY
Descriptive Statistics
Cost of Quality
Reliability Analysis
Cause & Effect Matrix
Pareto Analysis
Understanding Cause & Effect
Confidence Intervals
Probability Distributions
ANOVA
Graphical Analysis
Hypothesis Testing
Design of Experiments
Scatter Plot
Correlation
Regression
5 Whys
Chi-Square Test
Multi-Vari Charts
Relations Mapping*
Identifying & Implementing Solutions***
Simulation
TPM
Mistake Proofing
Pull Systems
JIT
Ergonomics
Work Balancing
Automation
Bottleneck Analysis
Visual Management
Flow
Value Analysis
5S
Understanding Performance
Run Charts
Control Charts
Benchmarking
Sampling
Fishbone Diagram
TRIZ***
Brainstorming
Analogy
SCAMPER***
Nominal Group Technique
Mind Mapping*
Affinity Diagram
Attribute Analysis
Lateral Thinking
Visioning
Creating Ideas**
Wastes Analysis
SMED
Time Value Map
Process Redesign
IDEF0
Value Stream Mapping
SIPOC
Flow Process Chart
Process Mapping
Flowcharting
Service Blueprints
Designing & Analyzing Processes
Data Collection
Focus groups
Interviews
Photography
Check Sheets
Measles Charts
Surveys
Critical Incident Technique
Observations

- Gantt Chart

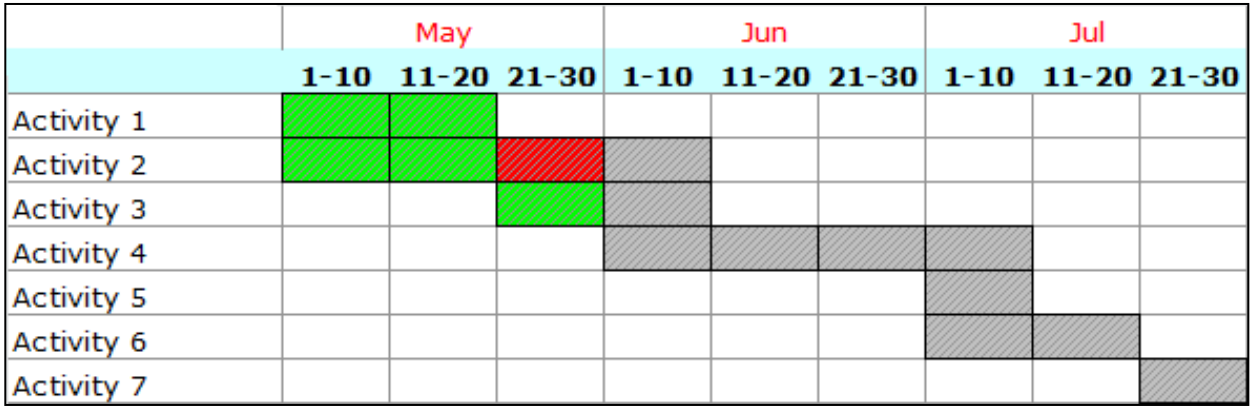
- Large number of activities must be controlled when managing projects. Project should also be completed on schedule.
- Gantt charts illustrate project schedule visually.
- Use Gantt charts to keep your team and your sponsors informed of progress.
- Update the chart to show schedule changes and their implications.
- If the project is behind schedule, you can take actions to bring it back on schedule.



- Gantt Chart

A Gantt Chart Outlines:

- All activities involved in a project.
- Their order.
- Their time estimates.
- They could also show other information such as completion percentage, status, dependency, by whom, etc.



- Gantt Chart

Tips:

- Always write the project objective.
- You need to scope the project as small as possible.
- Determine the resources needed.
- List all activities on a Work Breakdown Structure first.
- You can draw Gantt charts by hand or use specialist software.

- Gantt Chart

Further Information:

- Gantt charts could also show the dependency relationships between activities.
- One of the main limitations of the Gantt chart is that it does not display the resources requirements and workloads.
- It can become very difficult to draw for project with numerous tasks.
- Gantt charts have become a common technique for representing the phases and activities of a project work breakdown structure, so they can be understood by a wide audience.