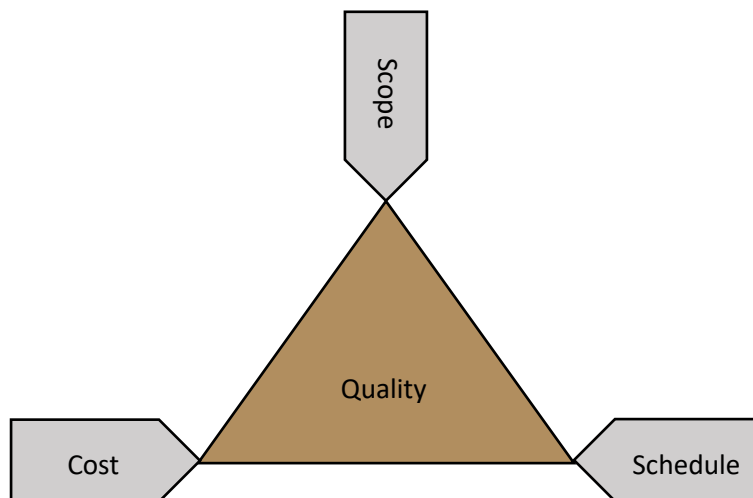


# Project Management Triple Constraints

## Definition

Projects need to be performed and delivered under certain constraints. Traditionally, these constraints have been listed as scope, time and cost. These may also be referred to as the project management triangle. One side of the triangle cannot be changed without affecting the others or impacting quality.



The time constraint refers to the amount of time available to complete a project.

The cost constraint refers to the budgeted amount available for the project.

The scope constraint refers to what must be done to produce the project's end result.

These three constraints are often competing constraints: increased scope typically means increased time and increased cost, a tight time constraint could mean increased costs and reduced scope, and a tight budget could mean increased time and reduced scope.

The discipline of project management is about providing the tools and techniques that enable the project team (not just the project manager) to organize their work to meet these constraints.