

Manufacturing

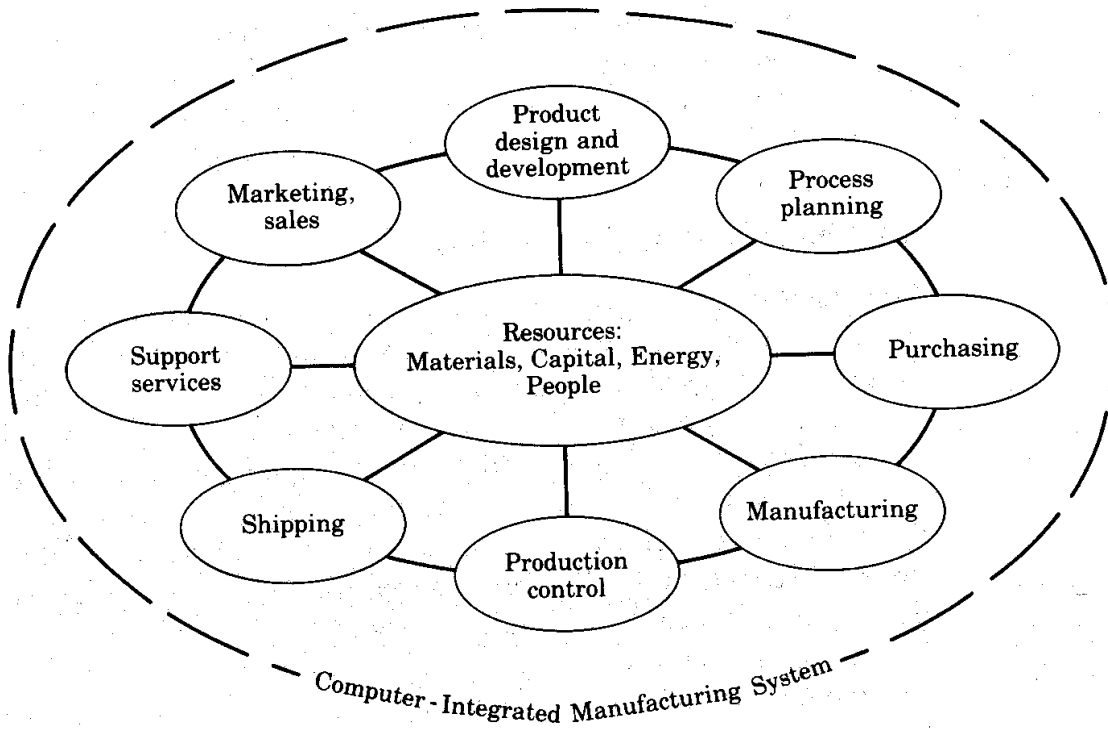


Chart showing relationships among many activities in manufacturing, involving materials, processes, machinery and people.

Process Planning

Process planning is a key element in project management that focuses on selecting resources for use in the execution and completion of a project. In a manufacturing setting, this aspect of planning also includes establishing the general sequence of steps that begin with the acquisition of materials and end with the creation of a finished product. Process planning is often closely associated with [project planning](#), although the specific functions of each tool are used differently in the overall [strategic planning](#).

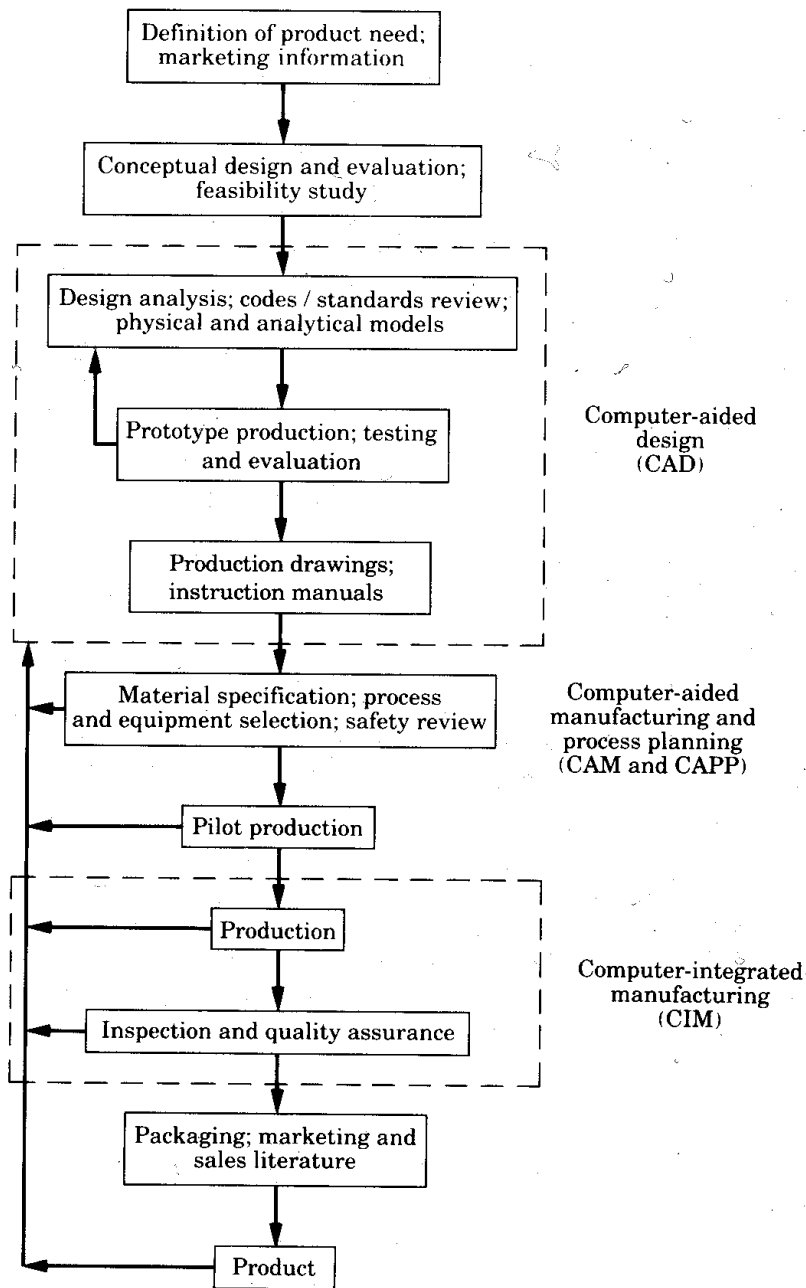


Chart showing various steps involved in designing and manufacturing a product. Depending on the complexity of the product and the type of materials used, the time span between the original concept and marketing a product may range from few months to severla years. Concurrent engineering combines these stages to reduce the time span and improve efficiency and productivity.