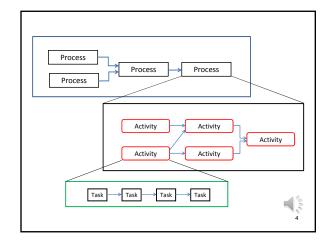


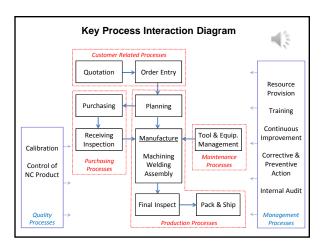
When to create a flowchart

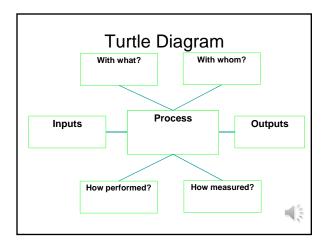
When there is need to understand the process and relationships between the steps of the process

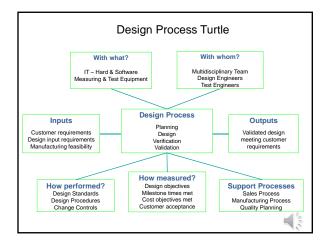
- Key processes within a management system
- · Transactions between departments
- · Procedures within a department
- Problem solving/corrective actions
- Improvement projects













Introduction

In 6 sigma projects, a flowchart provides a complete pictorial sequence of what happens from start to finish of a procedure.

- Procedure documentation
- Manufacturing processes
- · Work instructions
- Product development steps

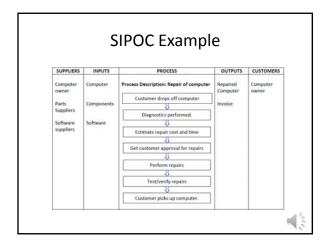


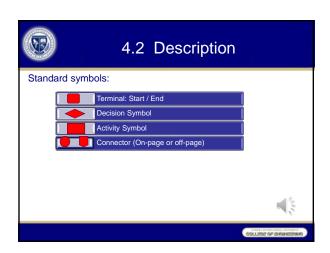


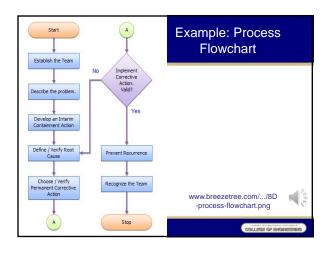
Introduction

- SIPOC (suppliers, inputs, process, outputs, and customers) is a high-level process map that adds supplier and customer to the IPO.
- SIPOC can be useful as a communication tool that helps team members view the project the same way and helps management know where the team is focusing its efforts.
- For each category of SIPOC the team creates a list.











4.3 Defining a Process and Determining KPIVs / KPOVs

- Consider and describe the purpose and the process that is to be evaluated.
- Define all steps to create a product or service deliverable.



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4.5 Focusing Efforts After Process Documentation

- · Baseline for start of project
- · Brainstorming sessions
 - Value-add / no-value-add steps
 - Causes of a problem/issue
 - · Inhibitors to success.
- SOP for the process are examined to minimize the impact of the identified causes.
- New procedures created to institutionalize the process.



TIPLUS ARVITANTE

Why are flowcharts so important?

- Provides view of overall process
- · Understanding gained in creation
- · Communication tool with others
- Sets a baseline for large improvement projects i.e. Lean/value stream mapping (Chapter 44)
- In any problem solving situation makes sure all aspects of process are considered.



Related Assignments	
None with this section	
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