

# Time Study Model



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## Part I: Overview of Workplace

Merrill Manufacturing, a third-generation family company, has been a leader in the well water component and hydrant industry since 1949.

## Part II: Workplace Focus

Supply chain management deals with the logistics of all aspects of production.

## Part III: Introduce the Problem

As the company transitions to a new computer system, the supply chain management team is exploring options for the most efficient and effective way to collect and enter production data as well as the most logical way to organize the data in order to provide accurate up-to-date information for data analysis regarding costing decisions.

## Part IV: Background

- An understanding of data collection and data entry.
- Critical thinking skills
- Creative thinking skills
- Communication skills

## Part V: Workplace Solution

Create a model for the entry and manipulation of data involved with all aspects of production.

## Part VI: Student Solutions

In teams, create a plan for collecting and entering production data. Critically compare each team's plan in order to refine each plan. Present each plan to the supply chain management team for review.