**Project Implementation Plan**

An implementation plan including (Gantt chart 3 yr period for manufacturer) of the process design for the Riordan electric fans.

A project close out plan.

**Quality**

Use TQM, ISO, and six sigma, DMAIC to develop a new quality design

Use constraint management concepts to demonstrate how to balance capacity.

**Touch on**

House of quality

Importance of core product

Importance of efficiency (lean quality process)

Define problem and solution ( how to gain 4 million in capital) (we are shutting down Pontiac plant and moving it to China. Our present capital is $46 million.

Develop solution, acquire data

Test solution through simulation

Analyze result

Importance of VA/VE

Global sourcing

Labor & supply

Cheaper labor in China

Importance strategy capacity management, utilization, cycle time (why are they important)

Maximum utilization, cross training, importance of inventory & supply, Little’s Law, what is little’s law and why is it important.

Should we outsource?

Learning curve

Variation

“Define Law of diminishing return”

Planning horizon

Strategy planning (chp 4)

Process analyze, single stage, multiple stage.

Define fundamental process and supply chain and operations.

“Cost of a RFID”