



De La Salle University – Dasmariñas

**A Company study Conducted at  
OLMA Printing Inc.**

Presented to the Faculty of the College of Technology  
De La Salle University – Dasmariñas  
Dasmariñas, Cavite

In Partial Fulfillments for the Degree of the Requirements for the  
Degree  
Bachelor of Science in Industrial Technology

**MINIMIZE DELAY OCCURING AT OLMA  
PRINTING DUE TO UNRELIABLE  
SCHEDULING**

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03 APR 2002



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**ABSTRACT**

**Name of Institution:** DE LA SALLE UNIVERSITY - DASMARIÑAS

**Address:** Bagong Bayan, Dasmariñas, Cavite

**TITLE:** MINIMIZE DELAY OCCURING AT OLMA PRINTING DUE TO UNRELIABLE SCHEDULING.

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**FUNDING SOURCE:** PARENTS **COST:** Php 5,000

**DATE STARTED:** JAN. 2001 **DATE COMPLETED:** MARCH 2001

**OBJECTIVES OF THE STUDY:**

**A. GENERAL:**

To minimize delay occurring at OLMA Printing.

**B. SPECIFIC:**

1. To minimize delivery delays by 30 %.
2. To reduce additional cost of production incurred by 30 % when there is a delay.

**SCOPE AND COVERAGE:**

The thesis is about OLMA Printing that accept jobs like posters, brochures, calling cards, receipts in any forms and in some parts of Metro Manila.

The study focused on the present scheduling that is being implemented by the company.

**METHODOLOGY**

The group conducted interview to the personnel to know some information about the company and we observe in thesis workplace to see



how the job done and to gather some data to help us in doing our study they also give some data from the company that can answer some of our question.

### **MAJOR FINDINGS**

The group found that OLMA Printing can minimize delay by using shortest processing time. It can shorten the completion time of job, maximize the capacity per machine.

### **CONCLUSION AND RECOMMENDATION**

After a through analysis of the alternative courses of action, it is highly recommended to choose the first alternative. The said alternative will minimize the delay by 26-days. By using ratio and proportion, a 60 average delay will be observed as compared to 92-days delay.

Alternative 1, the shortest processing time, is the best alternative, because it will yield savings of P 2616.00 per week. It also has the least average completion time, least average lateness. And least average number of jobs tardy.

This rule should be programmed in the computer for easy access.