

PRINCE OF SONGKLA UNIVERSITY
FACULTY OF ENGINEERING

Midterm Examination : Semester 2

Academic Year : 2006

Date : December 23, 2006

Time : 9.00-12.00

Subject : 226-431 Manufacturing Automation System

Room : R200

Direction

- There are 10 questions. The total score is 100.
- Write your own answer in to the exam paper.
- All materials, books, calculators are allowed.

Assoc. Prof. Wanida Rattanamanee

Name.....Code.....

Question	Full Scores	Assigned scores
1	5	
2	5	
3	10	
4	10	
5	10	
6	20	
7	5	
8	15	
9	5	
10	15	
รวม	100	

ทฤษฎีในการสอบ โทษขั้นต่ำ คือ พักการเรียน 1 ภาคการศึกษา และปรับตกในรายวิชาที่ทฤษฎี

GOOD LUCK



1. Explain the relationship between product quantities and facility layouts? (5 points)

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2. In the industrial engineering department, what are the system facilities and support systems. (5 points)

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3. How many basic types of automated manufacturing systems can be classified? Explain and give some examples of each type. (10 points)

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