

COURSE REPORT

Institution Rangsit University
College/Faculty/Department International College

Section 1: General Information

1. Course Code and Title

ICT 324 Introduction to Data Warehousing and Data Mining

2. Pre-requisite (if any)

None

3. Faculty Member(s) Teaching the Course and Sections

Asst.Prof.Dr. Kritsada Sriphaew

4. Semester / Academic Year

Semester 1/2025

5. Venue

International College, Rangsit University

**Section 2: Actual Teaching Hours Compared with Teaching Hours
specified in the Teaching Plan**

1. Number of actual teaching hours compared with the teaching plan

Topics	No. of teaching hours in the plan	No. of actual teaching hours	Reason(s) (in case the discrepancy is more than 25%)
Introduction to Course	3	3	
Join Seminar	3	3	
Data Warehousing and OLAP	6	6	
Business Intelligence Workshop	3	3	
Data Mining Concept	3	3	
Data Pre-processing and Post-processing	3	3	
Association Rule Mining	6	6	
Midterm Exam	3	3	
Classifications	9	9	

Clustering	3	3	
Free Topics	3	3	

2. Topics that couldn't be taught as planned

Topics that couldn't be taught (if any)	Significance of the topics that couldn't be taught	Compensation
n/a		

3. Effectiveness of the teaching methods specified in the Course Specification

Learning Outcomes	Teaching methods specified in the course specification	Effectiveness (Use X)		Problems of the teaching method(s) (if any) and suggestions
		Yes	No	
Morals and Ethics	Transparent evaluation, group work.	X		
Knowledge	Lessons, exams	X		
Cognitive Skills	Cases, problem solving	X		
Interpersonal Skills and Responsibilities	Team work	X		
Numerical Analysis, Communication and Information Technology Skills	Using IT in class and work in teams.	X		

4. Suggestions for improving teaching methods

n/a

Section 3: Course Outcomes

1. Number of registered students (As of the last day of Adding/Withdrawal)

32 students

2. Number of students at the end of semester

32 students

3. Number of students who withdrew (W)

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4. Grade distribution

Grade	No. of students	Percentage
A	7	22
B+	5	16
B	3	9
C+	8	25
C	9	28
D+	-	-
D	-	-
F	-	-
F (miss the exam)	-	-
Incomplete (I)		
Pass/Satisfied (P,S)		
Unsatisfied (U)		
Withdraw (W)		
Total	32	100

5. Factors causing unusual distribution of grades (If any)

n/a

6. Discrepancies in the evaluation plan specified in the Course Specification

6.1 Discrepancy in evaluation time frame

Details of Discrepancy	Reasons
None	

6.2 Discrepancy in evaluation methods (if any)

Details of Discrepancy	Reasons
None	

7. Verification of students' achievements

Verification Method(s)	Verification Result(s)
Exams, final projects, participation scores	Class GPA 2.89

Section 4: Problems and Impacts

1. Teaching and learning resources

Problems from teaching and learning resources	Impacts on students' learning
None	

2. Administration and organization

Problems from administration and organization	Impacts on students' learning
None	

Section 5: Course Evaluation

1. Results of course evaluation by students (with attached document)

1.1. Important comments from evaluation by students

Not exist

2. Results of course evaluation by other evaluation methods

2.1 Important comments from evaluation by other evaluation methods

None

2.2 Faculty members' opinions on the comments in 2.1

None

Section 6 : Improvement Plan

1. Progress of teaching and learning improvement recommended in the previous course report

Improvement plan proposed in last time of this course	Results of the plan implementation (In case no action was taken nor completed, reasons must be provided)
None	

2. Other improvements

None

3. Suggestions for improvement

None

4. Suggestions of faculty member(s) responsible for the course

See Above.

Responsible Faculty Member/Coordinator:

Asst.Prof.Dr. Kritsada Sripaew

Signature..... Report Date 17/12/2025

Chairperson/Program Director: Dr. Prashaya Fusiripong

Signature..... Receive Date 17/12/2025