

Course Report

Institution Rangsit University
College/Faculty/Department Information and Communication Technology
 International College

Section 1: General Information

1. Course Code and Title

ICT209 Data Communication and Networking

2. Pre-requisite (if any)

None

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

Responsible faculty member and lecturer for **Section 131** is Asst.Prof.Dr.Waiwit Chanwimalueng.

4. Semester / Academic Year

Semester 1/2025

5. Venue

Information and Communication Technology 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

Weeks	Topics	No. of teaching hours in the plan	No. of actual teaching hours	Reason(s) (in case the discrepancy is more than 25%)
1	Introduction to Computer Networks and Data Communications	3	3	
2	Fundamentals of Data and Signals	3	3	
3	Conducted and Wireless Media	3	3	
4	Making Connections	3	3	
5	Making Connections Efficient: Multiplexing and Compression	3	3	
6	Errors, Error Detection, and Error Control	3	3	
7	Local Area Networks (1)	3	3	
Semester break				
9	Local Area Networks (2)	3	3	
10	Introduction to Metropolitan Area Networks and Wide Area Networks	3	3	
11	The Internet	3	3	
12	Voice and Data Delivery Networks	3	3	
13	Network Security	3	3	
14	Network Design	3	3	
15	Network Management	3	3	
16	Final examination			

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 IT Skills	Understanding the IT system to adopt in the organizations' business success	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)

30 students

2. Number of students at the end of semester

30 students

3. Number of students who withdrew (W)

0 students

4. Grade distribution

Grade	No. of students	Percentage
A	15	50.0
B+	7	23.33
B	3	10.0
C+	2	6.67
C	0	0
D+	1	3.33
D	1	3.33
F	1	3.33
F (Missed the exam)	--	--
Incomplete (I)		
Pass/Satisfied (P/S)		
Unsatisfied (U)		
Withdraw (W)		
Total	30	100

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

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
Students tend to receive high scores in this subject.	Students were very engaging when participated to the classes. Assignments were submitted with satisfactory levels.

7. Verification of students' achievements

Verification Method(s)	Verification Result(s)
Exams, final projects, participation scores	Class GPA 3.48

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

Awaiting for the result.

1.2 Faculty members' opinions on the comments in 1.1

No comment.

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)
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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.Waiwit Chanwimalueng

Signature.....Waiwit Chan..... Report Date 30 December 2025

Chairperson/Program Director:

Signature..... Receive Date