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 130** 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	19	63.33
B+	3	10.00
B	2	6.67
C+	1	3.33
C	2	6.67
D+	0	0
D	2	6.67
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)

    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 ....