



Course Description

School/Faculty/Department: College of Digital Innovation Technology

1. General Information

1. Course ID and Course title:

DIT103 Introduction to Information System

2. Credit units (Number of hours per week for lecture, lab, and self-study):

3 Hours (3-0-6)

3. Programme and Categorization of course:

This subject is a core course for Bachelor of Science Program in Information Communication and Technology (ICT)

4. Responsible faculty member and list of instructors:

Asst.Prof.Dr.Waiwit Chanwimalueng, D.I.S.(IT).

5. Semester/Year Level:

Semester 1, 2025

6. Pre-requisite course(s) (if any):

None

7. Co-requisite course(s) (if any):

None

8. Place of study:

Room 8N-105 , Muang Ake Campus, Rangsit University.

9. Date of preparation or latest update:

August 18, 2025

2. Learning Objectives and Development Objectives

1. Learning objectives

Fundamental of information systems; business organizations and processes; business environments; information systems in organization; persons related to information systems; type of information systems; systems and application software; organizing data and information; introduction to systems development: systems development life cycle (SDLC), system deployment;

integration of IT into business, government and community systems; role of IT professionals in solving organizational problems.

2. Objectives for course development/improvement

Keep up to date with the current Information System (IS) to be used in various business.

3. Course Content and Activities

1. Course content:

Using the information system in the organization, persons involve in the information system, components to be used in the system: database and application software, networking and modern application (i.e. artificial intelligence and big data), system development: system development life cycle (SDLC).

2. Number of hours per each semester:

Lecture:	45 hours
Self-study:	6 hours per week
Lab/Field Study/Workshop:	Quiz

3. Number of hours per week for advising and academic counseling for individual students:

3.1 Students can request for academic advices prior/after classes or in class hours.

3.2 Students can make appointment or stop by at the faculty members' offices during the specified office hours (15 hours per week).

3.3. Students can request academic help through the College or emails of faculty members.

3.4 Students can contact instructor by email, phone, Line, Facebook on emergency event.

4. Course Planning and Assessment

1. Course planning

Week	Topic/Details	Learning Activities/Media	Hours	Instructor
1	Overview Course and System	- Lecture/PowerPoint	3	Asst.Prof.Dr.Waiwit Chanwimalueng
2	Introduction to Information System	- Lecture/PowerPoint	3	Asst.Prof.Dr.Waiwit Chanwimalueng
3	Information Systems in Organization	- Lecture/PowerPoint	3	Asst.Prof.Dr.Waiwit Chanwimalueng
4	Hardware and Mobile Devices	- Lecture/PowerPoint	3	Asst.Prof.Dr.Waiwit Chanwimalueng
5	Software and Mobile Application	- Lecture/PowerPoint	3	Asst.Prof.Dr.Waiwit Chanwimalueng
6-7	Database Systems and SDLC	- Lecture/PowerPoint - <i>Assignment</i>	6	Asst.Prof.Dr.Waiwit Chanwimalueng
8	Term Break			
9	Networks and Cloud Computing	- Lecture/PowerPoint	3	Asst.Prof.Dr.Waiwit Chanwimalueng
10	Electronic and Mobile Commerce	- Lecture/PowerPoint	3	Asst.Prof.Dr.Waiwit Chanwimalueng
11	Enterprise Systems and Transaction Process Systems	- Lecture/PowerPoint - <i>Assignment</i>	3	Asst.Prof.Dr.Waiwit Chanwimalueng
12	Cyber Security Awareness	- Lecture/PowerPoint	3	Asst.Prof.Dr.Waiwit Chanwimalueng
13	Strategic Planning and Project Management	- Lecture/PowerPoint - <i>Assignment</i>	6	Asst.Prof.Dr.Waiwit Chanwimalueng
14	Future Trends (Collaborative and AI)	- Lecture/PowerPoint	3	Asst.Prof.Dr.Waiwit Chanwimalueng
15	-Final Project Presentation (Final)	-Present & Discuss	3	Asst.Prof.Dr.Waiwit Chanwimalueng
16	*** Final Examination ***			
Total			45	

Assessment method

<i>Assignment & Activity :</i>	<i>Week 5-6,10,13-14</i>	<i>: 30%</i>
<i>Project & Presentation :</i>	<i>Week 15</i>	<i>: 20%</i>
<i>Class participations :</i>	<i>All</i>	<i>: 10%</i>
<i>Final examination :</i>	<i>Week 16</i>	<i>: 40%</i>

5. Course Resources***1. Required text books and readings***

- Ralph M. Stair & George W. Reynolds (2018). Principles of Information Systems, Thirteenth Edition

2. Supplementary reading list/references –

3. Recommended reading list/references -