☑ Bachelor's Degree

☐ Master's Degree

Course Specification

Course Code: IBP2313

Course Title: Introduction to Information System

Credits: 3(3-0-6)

Programs: B.B.A. (International Business)

Semester: 3   **Academic Year:** 2020

College of Hospitality Industry Management

Suan Sunandha Rajabhat University

(CHM)

Section 1 - General Information

1. Course code and course title

Course Code: IBP2313

Course Title (English): Introduction to Information System

Course Title (Thai): ระบบสารสนเทศเบื้องต้น

2. Credits

3(3-0-6)

3. Curriculum and course category

Curriculums: B.B.A. (International Business)

Course Category:

☐ General Education   ☑ Required Course

☐ Elective Course   ☐ Others …………….

4. Lecturer responsible for this course and instructional course lecturer(s)

Lecturer responsible for this course: Mr.Pongrapee Kaewsaiha

Instructional course lecturer: Mr.Pongrapee Kaewsaiha

5. Contact

Room Number: 401   Tel.: 081-446-4238   E-mail: pongrapee.ka@ssru.ac.th

6. Semester/Academic year

Semester: 3   Academic year: 2020

Number of the students enrolled: (TBA)

7. Pre-requisite course

None

8. Co-requisite course

None

9. Learning center

Nakhon-Pathom Campus

10. Last date for preparing and revising this course

June 2021

Section 2 - Aims and Objectives

1. Course aims

At the end of this course students will reach the desired learning outcomes based on five domains, as mentioned in the curriculum specification (TQF2), as follows:

1.1 Morals and ethics

Learning outcomes to be developed

1) The ability to deliver or to complete a required task at the appointed time

2) The ability to comply with rules, regulations, moral and societal standards

3) The awareness of ethics in digital international business decisions and actions

1.2 Knowledge

Learning outcomes to be developed

1) Obtain knowledge in business theories and concepts

2) Analyze and solve real business practical problems and issues in the digital era

3) Apply business knowledge integrated with other disciplines

1.3 Cognitive skills

Learning outcomes to be developed

1) The ability to gather, research, and summarize information and knowledge

2) Self-studying and sharing information with others

3) The ability to find appropriate solutions for real business issues

1.4 Interpersonal skills and responsibility

Learning outcomes to be developed

1) The ability to learn for themselves and help group members to learn

2) The ability to use the appropriate method for interpersonal communication and discussion

3) The ability to create business ideas and to have leadership skills

1.5 Numerical analysis, communication, and information technology skills

Learning outcomes to be developed

1) The ability to use basic ICT skills and apply them to daily life

2) The ability to use statistical data to solve business problems

3) The ability to use data analytics to analyze business issues

2. Objectives for developing/revising course (Content/Learning process/Assessment/ etc.)

According to TQF (Thailand Quality Framework: H.Ed.) for General Education courses, undergraduate students should have opportunity to master learning in nature of person, think logically, good communication, realize morals and ethics, realize Thai cultural value and global cultural value. Finally, students can apply knowledge in daily life for quality of life.

2. Objectives for developing/revising course (Content/Learning process/Assessment/ etc.)

Section 3 - Characteristics and Operations

1. Course description

(English) Fundamental of computer-based information systems in business operation; data resource management; software; network; system development life cycle; information system planning, and ethical issues in information system

(ไทย) พื้นฐานของระบบสารสนเทศทางคอมพิวเตอร์ในการดำเนินธุรกิจ; การจัดการทรัพยากรข้อมูล; ซอฟต์แวร์; เครือข่าย; วงจรชีวิตการพัฒนาระบบ; การวางแผนระบบสารสนเทศ; และประเด็นทางจริยธรรมในระบบสารสนเทศ

2. Teaching hours per semester (Lecture/Practice/Self-study)

Lecture	Practice/ Field Work/Internship	Self-Study	Remedial Class
3 hours/week	-	6 hours/week	-

3. Time per week for individual academic consulting and guidance

Self-consulting at the lecturer's office:

Room 401, International College Building, Nakhon-Pathom Campus

Mon., 9:00 AM – 4:00 PM

Consulting via office telephone/mobile phone:

081-446-4238

Consulting via e-mail:

pongrapee.ka@ssru.ac.th

Consulting via social media (Facebook/Twitter/Line):

DingTalk

Consulting via LMS and web forum:

DingTalk

Section 4 - Developing Students' Learning Outcomes

Expected students' learning outcomes are categorized into five domains, as suggested in the curriculum specification (TQF2), as follows:

1. Morals and ethics

1.1 Learning outcomes to be developed

- 1) The ability to deliver or to complete a required task at the appointed time
- 2) The ability to comply with rules, regulations, moral and societal standards
- 3) The awareness of ethics in digital international business decisions and actions

1.2 Teaching strategies

1) Utilize assignments and projects to assess students' responsibility and morality

2) Provide examples of digital international business integrity in the classroom

3) Provide case studies that emphasize business ethics, digital ethics, and privacy

1.3 Assessment & evaluation strategies

1) Use attendance and participation as means of evaluation

2) Use assignments to assess students' responsibility

3) Evaluate students regarding moral misconduct

2. Knowledge

2.1 Learning outcomes to be developed

- 1) Obtain knowledge in business theories and concepts
- 2) Analyze and solve real business practical problems and issues in the digital era
- 3) Apply business knowledge integrated with other disciplines

2.2 Teaching strategies

1) Use problem-based learning

2) Use cooperative learning techniques

3) Invite guest speakers or organize a field trip

2.3 Assessment & evaluation strategies

1) Pop-quiz, midterm, and final examination

2) Term project

3) Class assignments

3. Cognitive skills

3.1 Learning outcomes to be developed

○ 1) The ability to gather, research, and summarize information and knowledge

○ 2) Self-studying and sharing information with others

○ 3) The ability to find appropriate solutions for real business issues

3.2 Teaching strategies

1) Assign group or individual projects

2) Assign group discussion or seminar

3) Provide problem-based learning tasks

3.3 Assessment & evaluation strategies

1) Evaluate research report and presentation

2) Evaluate in-class activities using student involvement rubrics

4. Interpersonal skills and responsibilities

4.1 Learning outcomes to be developed

● 1) The ability to gather, research, and summarize information and knowledge

○ 2) Self-studying and sharing information with others

○ 3) The ability to find appropriate solutions for real business issues

4.2 Teaching strategies

1) Implement student center learning method and problem-based learning

2) Engage students in collaborative activities

3) Use cooperative learning techniques

4.3 Assessment & evaluation strategies

1) Assess students' participation in teamwork

2) Observe students' interpersonal communication and discussion

3) Evaluate students' business creativities and innovativeness from presentations or assignments

5. Numerical analysis, communication, and information technology skills

5.1 Learning outcomes to be developed

● 1) The ability to use basic ICT skills and apply them to daily life

○ 2) The ability to use statistical data to solve business problems

○ 3) The ability to use data analytics to analyze business issues

5.2 Teaching strategies

1) Assign activities that allow students to implement their ICT skills

2) Encourage students to use data analytics or statistics in assignments or projects conduction

5.3 Assessment & evaluation strategies

1) Evaluate ability to use ICT skills from students' assignments

2) Evaluate ability to use statistic data implemented in assignments or projects

3) Evaluate ability to use data analytics software and/or application in their work and studies

Remark: The symbol ● means "major responsibility."

The symbol ○ means "minor responsibility."

No symbol means "no responsibility."

Section 5 - Lesson Plan and Assessment

1. Lesson Plan

Session	Topic/Outline	Hours	Learning activities and materials	Online/ Offline
1	**Course Introduction** - Assessment and evaluation agreement **Fundamentals of CBIS in business operations**	3	1. Students join a live meeting on DingTalk for attendance checking. 2. Introduce students to the course. Make an agreement on assessment and evaluation. 3. Introduce the fundamentals of CBIS in business operations. 4. Students watch pre-recorded videos. 5. Students attempt an online quiz on MS Forms. 6. Students rejoin the live meeting for conclusion.	Online
2	**Group Work 1** - User interface + Database	3	1. Students join a live meeting on DingTalk for attendance checking. 2. Learn user interface and database concepts. 3. Students discuss in groups to design a simple information system.	Online
3	**Group Work 1** (Cont.) - Group presentation **Practice 1** - MailMerge	3	1. Students join a live meeting on DingTalk for attendance checking. 2. Students present conceptual designs of information system. 3. Learn how to use a MailMerge function. 4. Students work in groups to prepare data for MailMerge.	Online

Session	Topic/Outline	Hours	Learning activities and materials	Online/ Offline
4	**Group Work 1** (Cont.) - Group presentation **Practice 2** - VLOOKUP	3	1. Students join a live meeting on DingTalk for attendance checking. 2. Students finish group works. 3. Learn how to use a VLOOKUP function. 4. Students submit individual practice.	Online
5	**Practice 3** - More individual practice	3	1. Students join a live meeting on DingTalk for attendance checking. 2. Students complete more individual practice. 3. Learn some actual information systems in business.	Online
6	**Review**	3	1. Students join a live meeting on DingTalk for attendance checking. 2. Review content before the mid-term exam.	Online
7	**Mid-term Examination**	3	A take-home exam	Online
8	**Enterprise Resource Planning (ERP)** **Task Management**	3	1. Students join a live meeting on DingTalk for attendance checking. 2. Students watch pre-recorded video. 3. Students attempt an online quiz via MS Forms. 4. Assign task management via DingTalk project.	Online
9	**Management Information System (MIS)**	3	1. Students join a live meeting on DingTalk for attendance checking. 2. Students watch pre-recorded video. 3. Students attempt an online quiz via MS Forms.	Online

Week	Topic/Outline	Hours	Learning activities and materials	Online/ Offline
10	**Sales Summary**	3	1. Students join a live meeting on DingTalk for attendance checking. 2. Students practice calculating sales using SUMIF. 3. Students attempt an online quiz via MS Forms. 4. Demonstrate how to use PivotTable (only available on Desktop).	Online
11	**Human Resource Management System (HRMS)**	3	1. Students join a live meeting on DingTalk for attendance checking. 2. Students watch pre-recorded video. 3. Students attempt an online quiz via MS Forms.	Online
12	**Accounting Information System (AIS)**	3	1. Students join a live meeting on DingTalk for attendance checking. 2. Students watch pre-recorded video. 3. Students attempt an online quiz via MS Forms. 4. Individual practice (credit/debit).	Online
13	**Decision Support System (DSS)**	3	1. Students join a live meeting on DingTalk for attendance checking. 2. Students watch pre-recorded video. 3. Students attempt an online quiz via MS Forms. 4. Individual practice (breakeven analysis).	Online
14	**Office Automation (OA)**	3	1. Students join a live meeting on DingTalk for attendance checking. 2. Students watch pre-recorded video. 3. Students attempt an online quiz via MS Forms.	Online

15	**Review**	3	1. Students join a live meeting on DingTalk for attendance checking. 2. Review content before the final exam.	Online
16	**Final Examination**	3	A take-home exam	Online

2. Learning Assessment Plan

Learning Outcome	Assessment Activities	Time Schedule (Session)	Proportion (%)
1.1, 1.2, 1.3	1) Attendance record 2) Participation record 3) System log	All	10%
2.1, 2.2, 2.3	1) Quiz 2) Examination	1) Sessions 1, 8-14 2) Sessions 8, 16	10% 20%, 30%
3.1, 3.2, 3.3	1) Individual practice 2) Problem-based learning	Sessions 3-5, 8, 10, 12, 13	10%
4.1, 4.2, 4.3	Group work	Sessions 2-4	10%
5.1, 5., 5.3	Using cloud-based apps	All	10%

Section 6 - Learning and Teaching Resources

1. Textbook and main documents

Course materials provided by the lecturer

2. Important documents for extra study

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3. Suggested information (Printing materials/Website/CD/Others)

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Section 7 - Course Evaluation and Revising

1. Strategies for course evaluation by students

Use the questionnaire to collect student opinions to consider in improving the course and curriculum. Questionnaire items are as follows.

1) The lecturer was well-prepared to teach the class.
2) The lecturer is always punctual.
3) The lecturer was dynamic and energetic in conducting the class, and the lecturer's explanations were clear.
4) The lecturer's teaching method is easy to follow and easy to understand.
5) The lecturer treated students equally and encouraged all students to participate in class.
6) The lecturer could involve students (stimulate thought, encourage students to ask questions and discussions, ask challenging questions, answer questions precisely).
7) It was easy to discuss and communicate with the lecturer after class.
8) Materials/Handouts are clear, high quality of materials used, and easy to understand.
9) Appropriateness and quality of Information and Communication Technology (ICT) used.
10) The overall level of satisfaction of the course conducted.

2. Strategies for course evaluation by the lecturer

The lecturer observes the class and collects immediate feedback from students.

3. Teaching revision

The lecturer revises the teaching and learning process based on the questionnaire results.

4. Feedback for achievement standards

CHM administrator committees monitor the assessment process and grading.

5. Methodology and planning for course review and improvement

1) Revise and develop course structure and process every two years.

2) Assign different lecturers to teach this course to enhance students' vision.

Curriculum mapping illustrating the distribution of program standard learning outcomes to course level

Course	1. Morals and Ethics			2. Knowledge			3. Cognitive Skills			4. Interpersonal Skills and Responsibility			5. Numerical Analysis, Communication, and Information Technology Skills		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
IBP2313 Introduction to Information System	●	○	○	●	○	○	○	○	○	●	○	○	●	○	○