



Course Specifications

| | |
|----------------------|--|
| Course Title: | Selected Topics in Information Systems-1 |
| Course Code: | 538CIS-3 |
| Program: | Bachelor of Information Systems |
| Department: | Information Systems |
| College: | CSIS |
| Institution: | Najran University |



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A. Course Identification

| | |
|---|---|
| 1. Credit hours: | 3(3,0,0) |
| 2. Course type | |
| a. | University <input type="checkbox"/> College <input type="checkbox"/> Department <input checked="" type="checkbox"/> Others <input type="checkbox"/> |
| b. | Required <input checked="" type="checkbox"/> Elective <input type="checkbox"/> |
| 3. Level/year at which this course is offered: | 10 |
| 4. Pre-requisites for this course (if any): | |
| 5. Co-requisites for this course (if any): | |

6. Mode of Instruction (mark all that apply)

| No | Mode of Instruction | Contact Hours | Percentage |
|----|-----------------------|---------------|------------|
| 1 | Traditional classroom | 75 | 100% |
| 2 | Blended | | |
| 3 | E-learning | | |
| 4 | Correspondence | | |
| 5 | Other | | |

7. Actual Learning Hours (based on academic semester)

| No | Activity | Learning Hours |
|------------------------------|---------------------------------|----------------|
| Contact Hours | | |
| 1 | Lecture | 75 |
| 2 | Laboratory/Studio | |
| 3 | Tutorial | |
| 4 | Others (specify) | |
| | Total | 75 |
| Other Learning Hours* | | |
| 1 | Study | 25 |
| 2 | Assignments | 10 |
| 3 | Library | 5 |
| 4 | Projects/Research Essays/Theses | 5 |
| 5 | Others (specify) | |
| | Total | 45 |

* The length of time that a learner takes to complete learning activities that lead to achievement of course learning outcomes, such as study time, homework assignments, projects, preparing presentations, library times

B. Course Objectives and Learning Outcomes

1. Course Description

This course presents specific novel topics, concepts, problems, or emerging technologies in the information systems field. This course will be guided by its instructor. The topics are selected by the instructor of the course based on his knowledge of the latest developments in



information systems science along with the previous courses taken by the students. The course instructor may distribute the topics to the students so that each student will study in depth a different topic. Then the student should discuss the concepts that he learned with his classmates under the supervision of the instructor of the course.

2. Course Main Objective

To introduce and deeply explain some subjects which have not been demonstrated in previous semesters, and have the ability to explore more beyond the subject.

3. Course Learning Outcomes

| CLOs | | Aligned PLOs |
|----------|--|--------------|
| 1 | Knowledge: | |
| 1.1 | Describe concepts and components of modern topics presented | K2 |
| 1.2 | Recognize the mechanism of work, systems and ideas of the topics of the course. | K2 |
| 1.3 | | |
| 1... | | |
| 2 | Skills : | |
| 2.1 | Use methodology and solutions to the problems of the topics presented | K1, S4 |
| 2.2 | Build the skills of quantitative and logical analysis of scientific and practical issues in the subjects presented | S2 |
| 2.3 | | |
| 2... | | |
| 3 | Competence: | |
| 3.1 | Develop leadership and teamwork skills in the implementation of the topics presented. | C1 |
| 3.2 | Appraise the self-learning and judgement skills regarding professional behavior and immoral practices. | C3 |
| 3.3 | | |
| 3... | | |

C. Course Content

| No | List of Topics | Contact Hours |
|--------------|---|---------------|
| 1 | To be determined by the course instructor each semester | 75 |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| ... | | |
| Total | | 75 |



D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

| Code | Course Learning Outcomes | Teaching Strategies | Assessment Methods |
|------------|--|---------------------|---|
| 1.0 | Knowledge | | |
| 1.1 | Describe concepts and components of modern topics presented | Lecture | Tests, Quizzes, Assignments, case studies, and/or projects. |
| 1.2 | Recognize the mechanism of work, systems and ideas of the topics of the course. | Lecture | Tests, Quizzes, Assignments, case studies, and/or projects. |
| ... | | | |
| 2.0 | Skills | | |
| 2.1 | Use methodology and solutions to the problems of the topics presented | Lecture | Tests, Quizzes, Assignments, case studies, and/or projects. |
| 2.2 | Build the skills of quantitative and logical analysis of scientific and practical issues in the subjects presented | Lecture | Tests, Quizzes, Assignments, case studies, and/or projects. |
| ... | | | |
| 3.0 | Competence | | |
| 3.1 | Develop leadership and teamwork skills in the implementation of the topics presented. | Lecture | Tests, Quizzes, Assignments, case studies, projects, and/or presentations |
| 3.2 | Appraise the self-learning and judgement skills regarding professional behavior and immoral practices. | Lecture | Tests, Quizzes, Assignments, case studies, projects, and/or presentations |
| ... | | | |

2. Assessment Tasks for Students

| # | Assessment task* | Week Due | Percentage of Total Assessment Score |
|---|--|----------|--------------------------------------|
| 1 | Homework, assignments, case studies, essays, and/or Projects | 2-13 | 24 |
| 2 | Midterm 1 and 2 | 6,10 | 30 |
| 3 | Quiz 1 and 2 | 5, 12 | 6 |
| 4 | Final Exam | 15 | 40 |
| 5 | | | |



| # | Assessment task* | Week Due | Percentage of Total Assessment Score |
|---|------------------|----------|--------------------------------------|
| 6 | | | |
| 7 | | | |
| 8 | | | |

*Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice :

Office hours or instructors. Also, every student has an academic advisor for counseling.

F. Learning Resources and Facilities

1. Learning Resources

| | |
|---------------------------------------|------------------------------------|
| Required Textbooks | To be determined by the instructor |
| Essential References Materials | To be determined by the instructor |
| Electronic Materials | To be determined by the instructor |
| Other Learning Materials | To be determined by the instructor |

2. Facilities Required

| Item | Resources |
|--|---|
| Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.) | Classroom, and the instructor may ask for laboratory if needed. |
| Technology Resources (AV, data show, Smart Board, software, etc.) | Data show, and the instructor may ask for software if needed. |
| Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list) | |

G. Course Quality Evaluation

| Evaluation Areas/Issues | Evaluators | Evaluation Methods |
|---|------------|--------------------|
| Effectiveness of teaching and assessment | Students | Direct |
| Focus group discussion with small groups of students. | Instructor | Direct |



| Evaluation Areas/Issues | Evaluators | Evaluation Methods |
|---|--|--------------------|
| Extent of achievement of course learning outcomes | Instructor | Direct |
| The topics covered | Instructor | direct |
| The free approach the of the course | Instructor, Program leader, and department council | Direct |
| | | |
| | | |

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)

Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

Assessment Methods (Direct, Indirect)

H. Specification Approval Data

| | |
|---------------------|-------------------------------|
| Council / Committee | Department Council |
| Reference No. | Session No. 10 (441-38-43300) |
| Date | 17/02/2020 |

