|  |  |
| --- | --- |
| **Course Title:** | **Information System Strategies and Policies** |
| **Course Code:** | **CPIS434** |
| **Program:** | **Bachelor of Science in Information Systems** |
| **Department:** | **Information Systems** |
| **College:** | **Faculty of Computing and Information Technology** |
| **Institution:** | **Northern Border University, Rafha** |

Table of Contents

[A. Course Identification 3](#_Toc116045077)

[1. Credit hours: 3](#_Toc116045078)

[2. Course type 3](#_Toc116045079)

[3. Level/year at which this course is offered: 3](#_Toc116045080)

[4. Pre-requisites for this course (if any): 3](#_Toc116045081)

[5. Co-requisites for this course (if any): 3](#_Toc116045082)

[6. Mode of Instruction (mark all that apply) 3](#_Toc116045083)

[7. Contact Hours (based on academic semester) 3](#_Toc116045084)

[B. Course Objectives and Learning Outcomes 3](#_Toc116045085)

[1. Course Description 3](#_Toc116045086)

[2. Course Main Objective 3](#_Toc116045087)

[3. Course Learning Outcomes 4](#_Toc116045088)

[C. Course Content 4](#_Toc116045089)

[D. Teaching and Assessment 4](#_Toc116045090)

[1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods 4](#_Toc116045091)

[2. Assessment Tasks for Students 5](#_Toc116045092)

[E. Student Academic Counseling and Support 5](#_Toc116045093)

[F. Learning Resources and Facilities 5](#_Toc116045094)

[1.Learning Resources 5](#_Toc116045095)

[2. Facilities Required 6](#_Toc116045096)

[G. Course Quality Evaluation 6](#_Toc116045097)

[H. Specification Approval Data 6](#_Toc116045098)

# A. Course Identification

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1. Credit hours: | | | | 3 | | | | | | | | | | | | |
| 2. Course type | | | | | | | | | | | | | | | | |
| **a.** | University | |  | | College | | |  | Department | | | | X | Others |  |  |
| **b.** | | Required | | | | X | Elective | | |  |  | | | | | |
| 3. Level/year at which this course is offered: | | | | | | | | | | | | Level 11 /Year 4 | | | | |
| 4. Pre-requisites for this course (if any): CPIS220 – Principles of Information Systems AND  CPIS352 – IS Applications Design & Development | | | | | | | | | | | | | | | | |
| 5. Co-requisites for this course (if any): | | | | | | | | | | | | | | | | |
| Nil | | | | | | | | | | | | | | | | |

## 6. Mode of Instruction (mark all that apply)

| **No** | **Mode of Instruction** | **Contact Hours** | **Percentage** |
| --- | --- | --- | --- |
| **1** | **Traditional classroom** | 45 | 100% |
| **2** | **Blended** |  |  |
| **3** | **E-learning** |  |  |
| **4** | **Distance learning** |  |  |
| **5** | **Other** |  |  |

## 7. Contact Hours (based on academic semester)

|  |  |  |
| --- | --- | --- |
| **No** | **Activity** | **Contact Hours** |
| **1** | **Lecture** | 45 |
| **2** | **Laboratory/Studio** |  |
| **3** | **Tutorial** |  |
| **4** | **Others** (specify) |  |
|  | **Total** | 45 |

# B. Course Objectives and Learning Outcomes

|  |
| --- |
| 1. Course Description This course is designed to define the concept of the strategic framework from which to evaluate and employ modern technology to serve general objectives of the institutions. This course addresses the strategic planning of the three pillars of the relationship and influence among them. As explains the basics of planned management strategies and employ information technology and how to develop plans. |
|  |
| 2. Course Main Objective |
| This course teaches the students how to interpret the role of the business manager in the MIS of the organization and how to demonstrate the IS Strategy Triangle in teamwork projects. |

## 3. Course Learning Outcomes

| **CLOs** | | **Aligned****PLOs** |
| --- | --- | --- |
| 1 | **Knowledge and Understanding:** |  |
| 1.1 | Describe the role of the business manager in the MIS of the organization. | K2 |
| **2** | **Skills:** |  |
| 2.1 | Emphasize the impact of IT on the individuals / organizations / Society. | S1 |
| 2.2 | Debate orally and in writing the IS Strategy Triangle. | S4 |
| 2.3 | Illustrate how information resources are used strategically in context of the 5 forces model. | S5 |
| **3** | **Values:** |  |
| 3.1 | Demonstrate the IS Strategy Triangle in teamwork projects with limited supervision. | V2 |
| 3.2 | Show the difference between the need of IS Development life cycle (SDLC) method and the ability of using Project Management Processes as continuing professional development process. | V3 |

# C. Course Content

|  |  |  |
| --- | --- | --- |
| **No** | **List of Topics** | **Contact Hours** |
| 1 | Introduction | 3 |
| 2 | The Information Systems Strategy Triangle | 9 |
| 3 | Strategic Use of Information Resources | 3 |
| 4 | Organizational Impacts of Information System Use | 4 |
| 5 | Information Technology and the Design of Work | 4 |
| 6 | Case Studies | 3 |
| 7 | Information Technology and Changing Business Processes | 3 |
| 8 | Architecture and Infrastructure | 3 |
| 9 | The Management Information Systems Organization | 3 |
| 10 | Case Studies | 3 |
| 11 | Project Management | 2 |
| 12 | Knowledge Management | 2 |
| 13 | Final Projects/ Presentations | 3 |
| **Total** | | 45 |

# 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 and understanding** | | |
| 1.1 | Describe the role of the business manager in the MIS of the organization. | Discussion-Based Class / Group discussion | Oral |
| **2.0** | **Skills** | | |
| 2.1 | Emphasize the impact of IT on the individuals / organizations / Society. | Academic debate  Generative learning | Oral  Observation |
| 2.2 | Debate orally and in writing the IS Strategy Triangle. | Project-based learning | Writing  Performance |
| 2.3 | Illustrate how information resources are used strategically in context of the 5 forces model. | Project-based learning | Writing  Performance |
| **3.0** | **Values** | | |
| 3.1 | Demonstrate the IS Strategy Triangle in teamwork projects with limited supervision. | Teamwork  Case studies | Observation  Performance |
| 3.2 | Show the difference between the need of IS Development life cycle (SDLC) method and the ability of using Project Management Processes as continuing professional development process. | Brain storming | Observation |

## 2. Assessment Tasks for Students

| **#** | **Assessment task\*** | **Week Due** | **Percentage of Total Assessment Score** |
| --- | --- | --- | --- |
| 1 | Quiz-1 | 2 | 2.5 |
| 2 | Quiz-2 | 8 | 2.5 |
| 3 | Assignment-1 | 4 | 5 |
| 4 | Assignment-2 | 10 | 5 |
| 5 | Oral questions | 1 – 11 | 5 |
| 6 | Project | 1 – 12 | 10 |
| 7 | Midterm exam | 6 | 30 |
| 8 | Final exam | 13 | 40 |

**\*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:** |
| Every instructor has an announced office hours’ schedule. All students are encouraged to visit the concerned teacher according to the schedule. Students can also use Email address or Blackboard System to seek help or book an appointment. |

# F. Learning Resources and Facilities

## 1.Learning Resources

|  |  |
| --- | --- |
| **Required Textbooks** | [Keri E. Pearlson](https://www.wiley.com/en-us/search?pq=%7Crelevance%7Cauthor%3AKeri+E.+Pearlson), [Carol S. Saunders](https://www.wiley.com/en-us/search?pq=%7Crelevance%7Cauthor%3ACarol+S.+Saunders), [Dennis F. Galletta](https://www.wiley.com/en-us/search?pq=%7Crelevance%7Cauthor%3ADennis+F.+Galletta). (2019). Managing and Using Information Systems: A Strategic Approach (7th ed.). Wiley. |
| **Essential References Materials** | W. Rapp. (2002). Information Technology Strategies: How Leading Firms Use IT to Gain an Advantage. Oxford University Press. |
| **Electronic Materials** | 1. Blackboard System: <https://lms.nbu.edu.sa/> 2. Northern Border University Electronic Library:   <https://www.nbu.edu.sa/AR/Deanships/Library_Issues>   1. Saudi Digital Library (SDL): <https://portal.sdl.edu.sa/english/> |
| **Other Learning Materials** | Nil |

## 2. Facilities Required

| **Item** | **Resources** |
| --- | --- |
| **Accommodation**  (Classrooms, laboratories, demonstration rooms/labs, etc.) | * Classroom |
| **Technology Resources**  (AV, data show, Smart Board, software, etc.) | * Data Show (Projectors) in Classroom. |
| **Other Resources**  (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list) | * Nil |

# G. Course Quality Evaluation

| **Evaluation**  **Areas/Issues** | **Evaluators** | **Evaluation Methods** |
| --- | --- | --- |
| Effectiveness of teaching and assessment. | Students | Indirect |
| Quality of learning resources | Students | Indirect |
| Extent of achievement of course learning outcomes | Faculty | 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** | Information Systems Department Council |
| **Reference No.** | 09 |
| **Date** | 21/2/2022 |