اعتماد
NCAAA

T4

2020

# Course Specifications

| **Course Title:** | ARTIFICIAL INTELLIGENCE, TECHNOLOGY AND LAW |
|---|---|
| **Course Code:** | 382 |
| **Program:** | LLB |
| **Department:** | LAW |
| **College:** | LAW |
| **Institution:** | PSU |

# Table of Contents

## A. Course Identification

| 1. Credit hours: |
|---|

**2. Course type**

| a. | University ☐ | College ☐ | Department ☒ | Others ☐ |
|---|---|---|---|---|
| b. | Required ☐ | Elective ☒ | | |

| 3. Level/year at which this course is offered:    3 |
|---|

**4. Pre-requisites for this course** (if any)**:**
Law 112

**5. Co-requisites for this course** (if any)**:**

Not available

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

| No | Mode of Instruction | Contact Hours | Percentage |
|---|---|---|---|
| 1 | Traditional classroom | 30 | 67 |
| 2 | Blended | 15 | 33 |
| 3 | E-learning | | |
| 4 | Distance learning | | |
| 5 | Other | | |

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

| No | Activity | Contact Hours |
|---|---|---|
| 1 | Lecture | 30 |
| 2 | Laboratory/Studio | |
| 3 | Tutorial | 15 |
| 4 | Others (specify) | |
| | Total | |

## B. Course Objectives and Learning Outcomes

**1. Course Description**
The course deals with contemporary legal challenges faced with the development of artificial intelligence, robotics and information technology. It introduces the students in the current technological development and explores new legal questions arising out of this development. The legal challenges are various and include liability, data protection, e-commerce, cross-border jurisdiction and applicable law. The relationship between the technological development and ethical standards will be discussed.
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**2. Course Main Objective**
The Saudi society and the market is looking at an unprecedented level of development in the history of Kingdom. Artificial intelligence, robotics and technology is the future for many fields including law. The law students shall be equipped with knowledge, skills and competences to practice law in the new technological environment.

## 3. Course Learning Outcomes

| | CLOs | Aligned PLOs |
|---|---|---|
| 1 | **Knowledge and Understanding** | |
| 1.1 | Explain legal principles and rules related to artificial intelligence and technology, both in theory and practice | PLO 1,2 |
| **2** | **Skills :** | |
| 2.1 | Apply critical analysis through case scenarios and legal research on artificial intelligence and technology | PLO 4 |
| 2.2 | Identify and analyze the use of technology for oral and written communication and legal analysis | PLO 6 |
| **3** | **Values:** | |
| 3.1 | Respect the ethical standards and values related to the legal profession when using technology and artificial intelligence | PLO 7 |

## C. Course Content

| No | List of Topics | Contact Hours |
|---|---|---|
| 1 | Introduction to artificial intelligence and technology in law<br><br>Terms and Definitions | 3 |
| 2 | E-commerce law in KSA and comparative law<br>-online contracts<br>-online advertisement<br>-consumer protection | 6 |
| 3 | Data protection in KSA and comparative law<br>- the right to privacy<br>- data protection and public safety<br>- personal and non-personal data<br>-big data<br>-right to be forgotten | 9 |
| 4 | Artificial intelligence<br>-personhood<br>-prediction technology<br>-intellectual property<br>-benefits for the environment | 6 |
| 5 | Artificial intelligence and ethics<br>- comparative analysis of challenges for ethical standards<br>- KSA approach to ethics of artificial intelligence | 3 |
| 6 | Technology and liability<br>- liability for self-driving cars<br>- automatization, robots and liability<br>-product liability | 6 |
| 7 | Electronic documents and electronic signatures<br>-KSA Law on electronic document and the Law on electronic cignature<br>Smart contracts and block-chain | 6 |
| 8 | Cross-border online transactions | 6 |

| | -international jurisdiction for online transactions <br> -applicable law to cross-border online transactions | |
|---|---|---|
| ... | | |
| | **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 | Explain legal principles and rules related to artificial intelligence and technology, both in theory and practice | Lectures <br> Group Discussion <br> Case analysis | Exams <br> Class discussion <br> Assignment |
| **2.0** | **Skills** | | |
| 2.1 | Apply critical analysis through case scenarios and legal research on artificial intelligence and technology | Tutorial <br> Group Discussion <br> Problem solving exercises | Exams <br> Class discussion <br> Assignment |
| 2.2 | Identify and analyze the use of technology for oral and written communication and legal analysis | Tutorial <br> Group Discussion <br> Problem solving exercises | Exams <br> Assignment <br> Presentation |
| … | | | |
| **3.0** | **Values** | | |
| 3.1 | Respect the ethical standards and values related to the legal profession when using technology and artificial intelligence | Tutorial <br> Problem solving exercises | Assignments <br> Presentation <br> Exam |

**2. Assessment Tasks for Students**

| # | Assessment task* | Week Due | Percentage of Total Assessment Score |
|---|---|---|---|
| 1 | Major 1 | 6 | 20 |
| 2 | Major 2 | 10 | 20 |
| 3 | Assignment & presentation | 12 | 15 |
| 4 | Class activities | 1-12 | 5 |
| 5 | Final exams | 15 | 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 :**
- 4 weekly office hours.
- Contact by email
- Using LMS (moodle) for communication and to make any necessary announcement

## F. Learning Resources and Facilities

### 1.Learning Resources

| | |
|---|---|
| **Required Textbooks** | Thomas Wischmeyer , Timo Rademacher Regulating Artificial Intelligence, Springer, 2020, ISBN 978-3-030-32360-8 |
| **Essential References Materials** | Diane Rowland, Uta Kohl and Andrew Charlesworth, Information Technology Law, Routledge 2017, ISBN: 978-0-415-87015-3 |
| **Electronic Materials** | Texts of Saudi Laws |
| **Other Learning Materials** | LMS material |

### 2. Facilities Required

| Item | Resources |
|---|---|
| **Accommodation** (Classrooms, laboratories, demonstration rooms/labs, etc.) | Classroom with up to 30 seating capacity |
| **Technology Resources** (AV, data show, Smart Board, software, etc.) | Smartboard (Overhead projector and Screen) |
| **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 |
|---|---|---|
| Course exit survey | Students | Indirect |
| Online Course evaluation survey | Students | Indirect |
| Peer review | Faculty | Direct Co-signing of final exams |
| Class observation of teaching quality | Chairperson | Direct |
| Teaching and course learning outcomes achievement | Faculty | Direct Course assessment report |
| Action plan continuity (Closing the loop) | QA Committee | PLO assessment report |
| | | |

**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 | |
|---|---|
| Reference No. | |
| Date | |