**CS449 - Professional Issues in IT**

**Instructor Information**

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**Course TA (sections D, E and F)**

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**Course Information**

Prerequisite: CS303 Software Engineering

Level: BS

Category: Core

Credit Hours: 3

Semester: Spring 2020

Class Venue: CS-7 (Sections D, E & F)

Class Hours: Section 8D: MON & WED 09:30 am – 11:00 am

Section 8E: MON & WED 12:30 pm – 02:00 pm

Section 8F: MON & WED 03:30 pm – 05:00 pm

Office Hours: Mon & Wed 11:15 – 12:15 PM

**Course Objectives**

The course is designed to prepare students for adequately responding to issues faced during the professional life

* Develop understanding of professional ecosystem of IT and learn basic business acumen
* Develop sound understanding of commonly faced ethical issues in IT
* Apply this knowledge to make informed decisions when faced with a dilemma in real life

**Reference Material**

1. Professional Issues in Information Technology by Frank Bott et al. – *Second Edition*
2. Ethics in Information Technology by George W. Reynolds

**Course Grading (Tentative)**

* Assignments/Project/Presentation/Quizzes: 30%
* Midterm Exams: 30%
* Final Exam: 40%

**[[1]](#footnote-1)Course Schedule**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S#** | **Topic** | **Week(s)** | **[[2]](#footnote-2)Readings** | **Project Deliverables** |
| 1 | Introduction, realization and appreciation of the course | 1 |  |  |
| 2 | Law and Government | 1,2 | [1] Chapter 1  **[[3]](#footnote-3)**Reading: Judicial review |  |
| 3 | Profession and Professional Bodies  Profession of IT and Professional Bodies in IT | 2,3 | [1] Chapter 2 |  |
| 4 | Student Presentations | 4 |  |  |
| 5 | Organization  Organizational Structure and management of organizations | 5 | [1] Chapter 3, 4 |  |
| 6 | Business finance and funding a startup  Financial Accounting | 5,6 | [1] Chapter 5, 6 |  |
| 7 | MIDTERM EXAM 1 | 6 |  |  |
| 8 | Investment Appraisal, Time Value of Money | 7 | [1] Chapter 8 |  |
| 9 | Overview of HR issues | 8 | [1] Chapter 9 |  |
| 10 | Professional software development, versioning, sharing, and publishing, software product liability issues, critical software development issues | 9,10 |  |  |
| 11 | Student Presentations | 11 |  |  |
|  | MIDTERM EXAM 2 | 12 |  |  |
| 12 | Ethics and overview of ethics in IT | 12 | [2] Chapter 2 |  |
| 13 | Computer and Internet crime | 13 | [2] Chapter 3 |  |
| 14 | Privacy, freedom of expression | 14 | [2] Chapter 4 |  |
| 15 | Intellectual property | 15 | [2] Chapter 6 |  |
| 16 | Common logical fallacies in speech and reasoning, online information and fact-finding, spotting fake news | 16 |  |  |
| 17 | Time management, Critical thinking | 16 |  |  |
| 18 | FINAL EXAM |  |  |  |

**Important Information**

**Announcements**

Announcements related to different aspects of this course (e.g. lectures, quizzes, exams, etc.) may be posted on class forum (SLATE). Students are expected to view the announcements section regularly.

**Assignment/Project Submission Deadlines**

Missed submission of a deliverable by deadline, irrespective of reason (wrong soft/hard copy submitted/uploaded, absence from class, leave etc.) will incur penalty starting from 25% marks deduction.

**Attendance**

All students are expected to attend all lectures from beginning to end. Partial absence from the class during lecture will result in student being marked absent.

**Office Hours**

Students are encouraged to take full advantage of instructor’s office hours. Any doubts regarding concepts covered in class or any questions regarding quizzes, projects, etc. may be clarified during office hours. In case a student is not able to make it during office hours, he/she may schedule an appointment with the instructor for another time slot.

**Quizzes**

Quizzes may be announced or unannounced. A quiz will usually be about 10 – 25 minutes long and it may be given anytime during the lecture. Students missing a quiz will NOT be given a make-up quiz.

**Revision of Grades**

Students can contest their grades on quizzes and project deliverables ONLY within a week of the release of grades. Exams will be available for review according to university policies.

**Unfair Means**

Students are expected to demonstrate the highest degree of moral and ethical conduct. Any student caught cheating, copying, plagiarizing or using any other unfair means will be strictly dealt-with in accordance with university policies.

1. Course schedule is subject to change. [↑](#footnote-ref-1)
2. Numbers in square brackets correspond to books numbered in “Reference Material” section. [↑](#footnote-ref-2)
3. https://www.britannica.com/topic/judicial-review

   . [↑](#footnote-ref-3)