

CS449 Professional Issues in IT

Instructor Information

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Course Information

Prerequisite: None
Level: BS
Category: Core
Credit Hours: 3
Semester: Fall 2020
Class Venue: E&M-6 (online till further notice)
Class Hours: TUE & THU 12:30 PM – 01:50 PM
Office Hours: Monday to Wednesday: 2:00 pm – 3:30 pm
Or appointment via email: amir.iqbal@nu.edu.pk

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 tools
- 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 (Second Edition) - Frank Bott et al
2. Ethics in Information Technology - George W. Reynolds

Course Grading (Tentative) - Absolute grading scheme will be used for this course

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

¹Course Schedule

S#	Topic	Week(s)	² Readings	Project Deliverables
1	Introduction, realization and appreciation of the course, some events, case studies	1		
2	Law and Government	1,2	[1] Chapter 1 Reading: Judicial review	
3	Profession and Professional Bodies Profession of IT and Professional Bodies in IT	2,3	[1] Chapter 2	Assignment 1:
4	Organization	4	[1] Chapter 3	
5	Organizational Structure and management of organizations	5	[1] Chapter 4	
6	Business finance and funding a startup Financial Accounting	5,6	[1] Chapter 5, 6	Student Presentations
7	MIDTERM EXAM 1	6		Same as above
8	Investment Appraisal, Time Value of Money	7	[1] Chapter 8	Same as above
9	Overview of HR issues	8	[1] Chapter 9	Same as above
10	Professional software development, versioning, sharing, and publishing, software product liability issues, critical software development issues	9,10		Project 1 Project 1 Presentations
11	Student Presentations	11		Project 1 Presentations
	MIDTERM EXAM 2	12		
12	Ethics and overview of ethics in IT	12	[2] Chapter 2	Same as above
13	Computer and Internet crime	13	[2] Chapter 3	Individual Presentations
14	Privacy, freedom of expression	14	[2] Chapter 4	Same as above
15	Intellectual property	15	[2] Chapter 6	Same as above

¹Course schedule is subject to change.

² Numbers in square brackets correspond to books numbered in "Reference Material" section.

16	Common logical fallacies in speech and reasoning, online information and fact-finding, spotting fake news	16		Same as above
17	Time management, Critical thinking	16		Same as above
18	FINAL EXAM			

Important Information

Announcements

Announcements related to different aspects of this course (e.g. lectures, quizzes, exams, etc.) will be posted on google classroom, students are expected to check regularly.

Attendance

All students are expected to attend all lectures from beginning to end. Partial or full absence from a lecture may hamper chances for securing good grades.

Exams

Exams will be closed-book and closed-notes. Syllabus for the final exam will be comprehensive.

Office Hours

Students are encouraged to take full advantage of the 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 5 – 10 minutes long and it may be given anytime during the lecture.

Reading Material

Students are encouraged to finish the assigned readings BEFORE the lecture. This is likely to improve lecture comprehension and class participation.

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.