Course Curriculum

Course Code : SE 3101
Course Title : Professional Ethics for Information Systems
Course Credit: 3 credit (Theory course)
Credit Hour : 14 X 3 = 42 hour (1 class equivalent to 1 hour lecture)

Week	Topic	Content (Lesson Plan)	Reference Book
WEEK 01	**Overview of Ethics**	**Class 1:** Definition of Ethics Importance of Integrity	**1**
		Class 2: Difference between Moral, Ethics and Laws Ethics in Business World: corporate Ethics, Ethical Work Environment etc.	**1**
		Class 3: Ethics in Information Technology ==QUIZ-01 (at class)==	**1**
WEEK 02	**Ethics for IT Workers and IT Users**	**Class 1:** Case Study: IT Technicians fired after Reporting Child Porn ==ASSIGNMENT-01 (at class)==	**1**
		Class 2: IT Workers Professional or not Professional Code of Ethics, Professional Relationship	**1**
		Class 3: Professional Organization Certification, Government Licensing IT Professional Malpractice	**1**
WEEK 03		**Class 4:** Common Ethical Issues for IT Users Supporting for Ethical Practices	**1**
	Cyber Offence	**Class 1:** Overview of Global Perspective Definition, types of crimes	-
		Class 2: Crime Approaches, listing of offences Case Study: Trading Scandal	-
WEEK 04	**Computer and Internet Crime**	**Class 1:** IT Security Incidents Types of Exploits, Types of Perpetrators	**1**
		Class 2: ICT Act of Bangladesh 2006 Understanding Act and Punishments for Crimes	**4(a)**
		Class 3: Open Discussion about Pros and Cons of ICT Act Bangladesh	**4(a)**

WEEK 05		**Class 4:** Weakness of ICT Act Amendment for Weakness ICT Act (correction & update) 2013 **ASSIGNMENT-02 (online)**	**4(c)**
		Class 5: Implementing Trustworthy Computing: Risk Assessment, Security Policy Prevention, Detection, Response	1

		Class 6: (STUDENT PRESENTATION)
		    (a) The Moral Status of Information and Information Technologies
		    (b) Online Communities, Democratic Ideals, and the Digital Divide
			2

WEEK 06	**Privacy**	**Class 1:** Information Privacy Privacy Laws, Applications and Court Rulings	1
		Class 2: Identity Theft, Consumer Profiling Treating Consumer Data Responsibly Workplace Monitoring, Advanced Surveillance Technology	1

		Class 3: (STUDENT PRESENTATION)
		    (c) Privacy and Property in the Global Datasphere
		    (d) Information Privacy in a Surveillance State
			2

WEEK 07	**Freedom of Expression**	**Class 1:** Case Study: Sexting Obscene Speech, Defamation	1
		Class 2: Controlling Access to Information on the Internet Anonymity on the Internet Defamation and Hate Speech Corporate Blogging and Pornography	1
		Class 3: Right to Information Act of Bangladesh 2009 **QUIZ-02 (at class)**	**4(b)**
WEEK 08	**Intellectual Property Right**	**Class 1:** Case Study: Fights Music Piracy Definitions and types of IP	1
		Class 2: Copyright Term, Eligible Works, Fair Use Doctrine Software Copyright Protection	1
		Class 3: Trademark and it's rights Trade Secret Laws Employees and Trade Secrets	1

WEEK 09		**Class 4:** Software Patents Software Cross-Licensing Agreements Defensive Publishing and Patent Trolls Submarine Patents and Patent Farming	**1**
		Class 5: Key Intellectual Property Issues Plagiarism, Reverse Engineering, Open Source Code Competitive Intelligence, Cybersquatting	**2**
		Class 6: National ICT Policy of Bangladesh 2018 **ASSIGNMENT-03 (online)**	**4(g)**
WEEK 10	**Professional Etiquette**	**Class 1:** Recognize Self Values and Ethics Achieving Professional Excellence	**3**
		Class 2: How to become more Reliable and Responsible How to be Aggressively Nice Maintain Balance to Succeed in the Workplace	**3**
		Class 3: Improve Time-Management, Goal-Setting, and Memory Skills **QUIZ-03 (online)**	**3**

WEEK 11		**Class 4: (STUDENT PRESENTATION)**
		    (e) Mobile Phone and Autonomy
		    (f) Business Ethics and Technology
			2

	Ethics of IT Organizations	**Class 1:** Key Ethical Issues for Organizations The Need for Non-traditional Workers E-mail Policy Govt. Sector of Bangladesh 2018	**1, 4(f)**
		Class 2: Outsourcing, Offshore Outsourcing Pros and Cons of Offshore Outsourcing Strategies for Successful Offshore Outsourcing	**1**
WEEK 12		**Class 3:** Whistle-Blowing Protection for Whistle-Blowers Whistle-Blowing Protection for Private-Sector Workers Dealing with a Whistle-Blowing Situation	**1**
	ICT Industry Code of Conduct	**Class 1:** Association of Information Technology Professionals (AITP) Code of Ethics and Standard of Conduct	**1**
		Class 2: Institute of Electrical and Electronics Engineers (IEEE) Computer Society Code Software Engineering Code of Ethics and Professional Practice **QUIZ-04 (online)**	**1**

WEEK 13	**Social Networking Ethical Issues**	**Class 1:** Cyber bullying, Cyber stalking Encounters with Sexual Predators Uploading of Inappropriate Material	1
		Class 2: Online Virtual Worlds Crime in Virtual Worlds Educational and Business Uses of Virtual Worlds	1
	Misuse of Internet in Workplace	**Class 1:** Internet Misuse Common Hacking Tactics	-
WEEK 14	**Digitalization & Ethical Issues**	**Class 1: (STUDENT PRESENTATION)** (g) Invisibility and the Ethics of Digitalization (h) The Need for Computer Ethics to Address the Cultural and Ecological Impacts of Computing (i) The Existential Significance of the Digital Divide for America's Historically Underserved Populations	2
	Cyber-security Strategy & Act of Bangladesh	**Class 1:** National Cyber-security Strategy of Bangladesh 2014 Digital Security Act of Bangladesh 2018	4(d) 4(e)
	PROJECT ICT Act for Bangladesh	**Class 1:** Summary of ICT Act and Applications Report Submission (online) Presentation (online)	-
Final Examination			**ALL**

Reference Books:

1. *Ethics in Information Technology* (3rd ed.) by George W. Reynolds
2. *Information Technology Ethics: Cultural Perspectives* by Soraj Hongladarom & Charles Ess
3. *Professional Ethics and Etiquette* (3rd ed.) by Ferguson Publishing
4. Acts and Regulations by BD Governments
   a. ICT Act 2006
   b. Right to Information Act 2009
   c. ICT Act (correction & update) 2013
   d. National Cybersecurity Strategy 2014
   e. Digital Security Act 2018
   f. E-mail Policy 2018
   g. National ICT Policy 2018