

**University of Asia Pacific (UAP)**  
**Department of Computer Science and Engineering**

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**Course Outline**

**Program:** B.Sc in Computer Science and Engineering

**Course Title:** ICT Law, Policy and Ethics

**Course Code:** CSE 407

**Semester:** 4<sup>th</sup> Year 1<sup>st</sup> Semester (Section A)

**Level:** Undergraduate

**Credit Hour:** 2.00

**Name & Designation of Teacher:** Alida Binte Saqi, Lecturer

**Office/Room:** 907

**Class Hours:** Sunday: 11:00AM-12:00PM; Monday: 2:00PM-3:00PM

**Consultation Hours:** Wednesday: 12:30 PM-1:30 PM (Email is always and any time appreciated)

**E-mail:** saqi.alida@uap-bd.edu (Email is always and any time appreciated)

**Mobile:** +8801791318082 (Please avoid calling or texting from 6:00 PM to 9:00 AM any day and the whole of the weekends, however, Email is always and any time appreciated)

**Rationale:** Required course for B.Sc. Degree. In this era of digitalization, the knowledge of online regulations, protection of intellectual property, and ethics for the computer engineer professionals is highly valuable. It will help in case of understanding and evaluating any virtual situation and its effect in real world. This course also will enable the students to do the value assessment based on standards set around the world.

**Pre-requisite (if any):** none

**Course Synopsis:** Cyber law, regulatory framework, international and national legal regime for cybercrime and cyber space, ethics of computer engineers, cyber law and freedom of the press, cybercrimes and related concepts, right to information, freedom of expression in digital medium, practical situation.

**Course Objectives:** The objectives of this course are to:

1. Provide knowledge on ICT law, IP Law and professional ethics of computer engineers
2. Show the clarity standard of the legal frameworks and implement in real life

**Course Outcomes (CO) and their mapping with Program outcomes (PO) and Teaching-Learning Assessment methods:**

CO No.	CO Statements: Upon successful completion of the course, students should be able to:	Corresponding POs (Appendix-1)	Bloom's taxonomy domain/level (Appendix-2)	Delivery methods and activities	Assessment Tools
CO1	Understand the laws related to the course	1, 5,6	1/Understand	Lecture, multimedia, group work, case study	
CO2	Conduct case studies by applying the knowledge to evaluate practical situation	1, 2, 7,8,9,10	1/Evaluate	Lecture, multimedia, group work, case study	

**Weighting COs with Assessment methods:**

Assessment Type	% weight	CO1	CO2
Final Exam	50%	25	25
Mid Term	20%	10	10
Continuous Assessment	30%	15	15
<b>Total</b>	<b>100%</b>	50	50

**Grading Policy:** As per the approved grading policy of UAP (Appendix-3)

**Course Content Outline and mapping with COs**

Week	Topics / Content	Course Outcome	Delivery methods and activities	Reading Materials
1	Introduction to cyber world and cyber law, ethics of computer engineers, intellectual property: nature, scope and regulations	CO1	Lecture, multimedia	Laws of Bangladesh: <a href="http://bdlaws.minlaw.gov.bd/laws-of-bangladesh.html">http://bdlaws.minlaw.gov.bd/laws-of-bangladesh.html</a>

2	Regulatory framework of cyber law, IP law, professional conduct of computer engineers: international legal regime	CO1	Lecture, multimedia	<p><u>Freedom of expression:</u>  <a href="https://www.ohchr.org/EN/Issues/FreedomOpinion/Pages/Standards.aspx">https://www.ohchr.org/EN/Issues/FreedomOpinion/Pages/Standards.aspx</a>  <a href="https://en.unesco.org/sites/default/files/international_standards_on_freedom_of_expression_eng.pdf">https://en.unesco.org/sites/default/files/international_standards_on_freedom_of_expression_eng.pdf</a></p> <p><u>Cybercrime:</u>  <a href="https://rm.coe.int/CoERMPublicCommonSearchServices/DisplayDCTMContent?documentId=0900001680081561">https://rm.coe.int/CoERMPublicCommonSearchServices/DisplayDCTMContent?documentId=0900001680081561</a></p> <p><u>IP Law:</u>  <a href="https://www.wipo.int/treaties/en/">https://www.wipo.int/treaties/en/</a></p> <p><u>Professional ethics:</u>  <a href="https://www.acm.org/binaries/content/assets/about/acm-code-of-ethics-booklet.pdf">https://www.acm.org/binaries/content/assets/about/acm-code-of-ethics-booklet.pdf</a></p>
3	Intertwining cyber law, freedom of the press, freedom of expression and intellectual property: constitutional law perspective parliamentary laws and draft	CO1	Lecture, Multimedia	<p><u>Intertwining of the topic:</u>  <a href="https://www.youtube.com/watch?v=3n0HiZxDaFQ">https://www.youtube.com/watch?v=3n0HiZxDaFQ</a></p> <p><u>Freedom of expression:</u>  <a href="http://bdlaws.minlaw.gov.bd/act-367/section-24587.html">http://bdlaws.minlaw.gov.bd/act-367/section-24587.html</a>  <a href="http://bdlaws.minlaw.gov.bd/act-1261/chapter-2096.html">http://bdlaws.minlaw.gov.bd/act-1261/chapter-2096.html</a></p>
4	Cyber Crimes Introduction to ICT Act, 2006 and the Digital Security Act, 2018 (DSA)	CO1	Lecture, Multimedia	<p>Digital Security Act, 2018  <a href="http://bdlaws.minlaw.gov.bd/act-1261.html">http://bdlaws.minlaw.gov.bd/act-1261.html</a></p> <p>Information and Communication Technology Act, 2006  <a href="http://bdlaws.minlaw.gov.bd/act-details-950.html">http://bdlaws.minlaw.gov.bd/act-details-950.html</a></p>
5	DSA: Scope and Administration	CO2	Problem Solving	<p>Digital Security Act, 2018: Chapter 1 - Chapter 5 (selective provisions)  <a href="https://www.cirt.gov.bd/wp-content/uploads/2018/12/Digital-Security-Act-2018-English-version.pdf">https://www.cirt.gov.bd/wp-content/uploads/2018/12/Digital-Security-Act-2018-English-version.pdf</a></p>
6	Intellectual property: Copyright, Patent	CO2	Lecture, Group discussion, Problem Solving	<p><u>Copyright:</u>  <a href="http://bdlaws.minlaw.gov.bd/act-details-846.html">http://bdlaws.minlaw.gov.bd/act-details-846.html</a>  <a href="http://ipsitacomputersltd.com/copyrightv1/#/home">http://ipsitacomputersltd.com/copyrightv1/#/home</a>  <a href="http://www.copyrightoffice.gov.bd/site/view/innovation/E-copyright">http://www.copyrightoffice.gov.bd/site/view/innovation/E-copyright</a>  <a href="http://www.copyrightoffice.gov.bd/site/notices/bdec6a57-f1bc-42b0-9bf7-1b749d93ecdb/-&gt;">http://www.copyrightoffice.gov.bd/site/notices/bdec6a57-f1bc-42b0-9bf7-1b749d93ecdb/-&gt;</a></p> <p><u>Patent:</u>  <a href="http://www.dpdtd.gov.bd/">http://www.dpdtd.gov.bd/</a>  <a href="https://dpdt.portal.gov.bd/sites/default/files/files/dpdt.portal.gov.bd/page/a3066a65_b68f_438a_b916_7581f2abbaea/Patent%20file%20procedure.pdf">https://dpdt.portal.gov.bd/sites/default/files/files/dpdt.portal.gov.bd/page/a3066a65_b68f_438a_b916_7581f2abbaea/Patent%20file%20procedure.pdf</a>  <a href="http://bdlaws.minlaw.gov.bd/act-details-94.html">http://bdlaws.minlaw.gov.bd/act-details-94.html</a></p>
7	Ethics of Computer Engineers + Review	CO2	Problem Solving, Group Work	<p>The Software Engineering Code of Ethics and Professional Practice:  <a href="https://ethics.acm.org/code-of-ethics/software-engineering-code/">https://ethics.acm.org/code-of-ethics/software-engineering-code/</a></p>

8	DSA: Offences and Punishment	CO1/CO2	Lecture, Problem Solving	Digital Security Act, 2018: Chapter 6 < <a href="https://www.cirt.gov.bd/wp-content/uploads/2018/12/Digital-Security-Act-2018-English-version.pdf">https://www.cirt.gov.bd/wp-content/uploads/2018/12/Digital-Security-Act-2018-English-version.pdf</a> >
9	Crimes in digital platform: pornography control in Bangladesh	CO1/CO2	Lecture and group discussion	Scope, rationale, offences and the Pornography Control Act, 2012: < <a href="http://bdlaws.minlaw.gov.bd/act-details-1091.html">http://bdlaws.minlaw.gov.bd/act-details-1091.html</a> >
10	Right to Information	CO1/CO2	Lecture, multimedia	Right to Information Act, 2009: (English translation of the Act will be provided in the class) < <a href="http://bdlaws.minlaw.gov.bd/act-details-1011.html">bdlaws.minlaw.gov.bd/act-details-1011.html</a> >
11	Intellectual Property: GI, Trademark and others	CO1	Lecture	Law related to Geographical Indication of Goods: < <a href="https://dpdt.portal.gov.bd/sites/default/files/files/dpdt.portal.gov.bd/law/ccf0f124_8979_455f_8d94_de1b2a0c5045/GI%20Act-2013%20English.pdf">https://dpdt.portal.gov.bd/sites/default/files/files/dpdt.portal.gov.bd/law/ccf0f124_8979_455f_8d94_de1b2a0c5045/GI%20Act-2013%20English.pdf</a> > Trademark Law: < <a href="https://www.wipo.int/edocs/lexdocs/laws/en/bd/bd013en.pdf">https://www.wipo.int/edocs/lexdocs/laws/en/bd/bd013en.pdf</a> >
12	Ethics of Computer Engineers	CO2	Problem Solving, Group Work	Code of conduct by ACM and case solving: < <a href="https://www.acm.org/binaries/content/assets/about/acm-code-of-ethics-booklet.pdf">https://www.acm.org/binaries/content/assets/about/acm-code-of-ethics-booklet.pdf</a> >
13	DSA & ICT Act: International Standard	CO1/CO2	Group discussion, lecture, case analysis	Bangladesh 2019 Human Rights Report - US Department of State: Pg. 12-16 < <a href="https://www.state.gov/wp-content/uploads/2020/02/BANGLADESH-2019-HUMAN-RIGHTS-REPORT-1.pdf">https://www.state.gov/wp-content/uploads/2020/02/BANGLADESH-2019-HUMAN-RIGHTS-REPORT-1.pdf</a> > UN Human Rights Report 2018: Pg. 264-269 < <a href="https://www.ohchr.org/Documents/Publications/OHCHRreport2018.pdf">https://www.ohchr.org/Documents/Publications/OHCHRreport2018.pdf</a> >
14	Freedom of Expression and National Legal Frameworks + Review	CO1/CO2	Group discussion	Mahmudul Islam, Constitutional Law of Bangladesh, (Mullick Brothers, Dhaka, 3 <sup>rd</sup> ed., May 2012) Pg. 329-354 Resource will be provided in class

### Required Reference(s):

1. Durga Das Bhagabati Prosad sarati, Vep P. Basu, Law of the Press (Wadhwa & Co. 2002).
2. Mr Anupa P Kumar, Cyber Law (Create Space Independent Publishing Platform, 2009).
3. Justice Yatindra Singh, Cyber Laws (Universal Law Publishing Co. Ltd., 2<sup>nd</sup> ed., 2005).
4. M.K. Saxena, Information Technology Law: Concepts, Evolution and Enactments (Mangal Deep Publications, 2004).
5. Computer Ethics, Deborah G. Johnson. ISBN 0-13-111241-4, Pearson Publishers.
6. A Gift of Fire: Social, Legal, and Ethical Issues for Computing and the Internet, Sara Baase. ISBN: 0136008488, Prentice Hall.
7. Ethics for the Information Age, M. J. Quinn. ISBN: 0132855534, Addison-Wesley.
8. Readings in Cyber Ethics, R. A. Spinello and H. T. Tavani. ISBN: 0763724106. Jones and Bartlett Learning.

**Recommended Reference(s):** 1. Ian Lloyd, Information Technology Law (Oxford University Press, 7th ed., 2014).

2. Lee B. Burgunder, Legal Aspects of Managing Technology (Cengage Learning, 5th ed., 2010).

Vivek Sood, Cyber Law Simplified (TBS, 2001).

3. Geoffrey Robertson, Andrew G. L. Nicol, Media Law: The Rights of Journalists, Broadcasters and Publishers (SAGE Publication, 1986).

4. Brajesh Rajak, Pornography Law: XXX Must Not be Tolerated (Universal Law Publishing Co Ltd, 2011).

5. Jonathon Rosenoer, Cyber Law: The Law of the Internet (Springer, 1996).

6. S A Baase, Gift of Fire, Social, Legal and Ethical Issues for Computers, (Prentice Hall, 2003).

7. G Davies, Copyright and the Public Interest (Sweet and Maxwell, 2002).

8. Joga Rao's on Computer Contracts and Information Technology Law, (Wadhwa, India, 2003).

9. D G Johnson, Computer Ethics (Prentice Hall, 2001).

**Reference materials are subject to change.**

### **Special Instructions:**

- Students must come to the class prepared with the class material provided in the course outline.
- They must submit their assignments on time.
- They must be aware of the Plagiarism Policy as spelt out in the curriculum.
- No late or partial assignments will be acceptable. There will be no make-up quizzes.

### **For the online classes:**

- Join the meeting 5 minutes before it starts.
- Always keep you **mike mute** and **camera open**; take permission at the beginning of the class if you have network issues before switching off your videos
- Please **ALWAYS SIT PROPERLY** as you are attending a class.
- Keep your mike mute while you are not talking.

Prepared by	Checked by	Approved by
Course Teacher	Chairman, PSAC committee	Head of the Department

### **Appendix-1:**

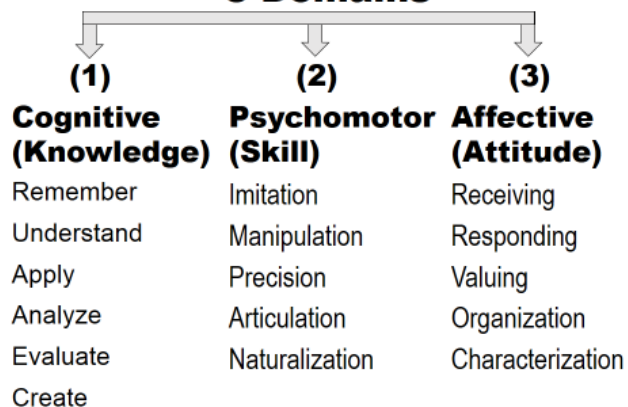
**Generic Skills or program outcomes (PO) of the program:**

No.	Program Outcomes (POs)
1.	Intellectual skills
2.	Practical and Problem solving skills
3.	Scientific and Analytical skills
4.	Entrepreneurship and Innovation skills
5.	Communication & IT skills

6.	Values, Ethics and Morality
7.	Teamwork and Leadership skills
8.	Professionalism
9.	Social skills and responsibilities
10.	Life-long Learning skills

## Appendix-2

### **Bloom's Taxonomy (Taxonomy of Learning)** **3 Domains**



## Appendix-3

### **UAP Grading Policy:**

<b>Numeric Grade</b>	<b>Letter Grade</b>	<b>Grade Point</b>
80% and above	A+	4.00
75% to less than 80%	A	3.75
70% to less than 75%	A-	3.50
65% to less than 70%	B+	3.25
60% to less than 65%	B	3.00
55% to less than 60%	B-	2.75
50% to less than 55%	C+	2.50
45% to less than 50%	C	2.25
40% to less than 45%	D	2.00
Less than 40%	F	0.00