Professional Development
Legal, professional and ethical perspectives
Introduction and overview

Dr Su White

http://www.edshare.soton.ac.uk/12464/
Overview: timescales and topics

Overview of entire module by multiple choice exam

Ethics and Professionalism are threads which run throughout the module
Overview: working method

Formal/timetabled

- Lecture
  - The big picture
  - Pacing

- Blackboard
  - Links and references

Informal/un-timetables

- Out of class
  - Take the quizzes
  - Watch videos
  - Read overviews
  - Work through tasks
  - Think and discuss
  - Prepare assessments
  - Prepare for examination

Objective:
knowledge, skills and understanding
Rationale of the structure

Guidance and prompting
Plus… directing you to a realistic/sustainable approach

This is not the same as coding, maths or other ‘hard’ subject areas
But it is **very relevant** to your degree…
… and the approach is relevant to future study and work

- Find out, think about, re-present
- Work in groups
- Find your strengths
- Overcome your weaknesses
- Enjoy yourselves
Launching you forward
High Level Objectives

Why we are here

- To produce the best informed most widely educated CS and IT graduates in the country!

- To help you learn how to argue and express yourself with informed insight on current professional and legal issues

- To help you better understand how you address ‘fuzzy’ tasks which complement your technical skills

- Make it a worthwhile use of your time (for you and me!)
Work smarter not harder

Approaches

- Intellectually
  - Understand your motivations

- Imaginatively
  - Develop and use your creativity and imagination
  - Make your tasks enjoyable

- Intuitively
  - Learn to know what works for you

- Pareto principle
  - 20% of the effort produces 80% of the result
  - … but think about it logically, rationally

- One touch
  - Capture all the necessary information in a single touch

Follow up: Dan Pink – RSA Animate, see refs and links
Try to balance your workload
One way or another
And remember...

Your mind
is like a parachute

It works best when open
Legal & professional

• Why does it matter?
  ◦ Your degree is accredited
  ◦ Employers expect awareness
  ◦ Choose the workplace which suits you
  ◦ Think forward

• NOTE
• You are not expected to
  ◦ be a lawyer

• You are expected to
  ◦ demonstrate and awareness of laws which impact on the workplace

How you will know, how we will know

• Self check
  ◦ Confidence
  ◦ “I have watched the videos”
  ◦ “I have read the notes”
  ◦ “I have tackled the tasks”
  ◦ “I have worked out how it is relevant to my plans”
  ◦ “I have prepared for the exam”

• Online exam

• Multiple choice questions
professional and legal issues might include

- intellectual property
- code of conduct
- e-commerce
- freedom of information
- green ICT
- employment rights
- professionalism
- accessibility
- digital futures
- security
- defamnation
- open data
- e-government
- open source
- inclusivity
- file-sharing
- academic ethics
- outsourcing
- digital data
- computer crime
- outsourcing
- semantic web
- linked data
- health and safety
- civic duty
- outsourcing
- professional bodies
- social enterprises
- digital rights management
- free speech
- hacking
- responsibility
- social
- enterprises
- discrimination
- privacy
- censorship
- digital divide
- ethics
- file-sharing
- outsourcing
- semantic web
- localisation
- professional bodies
- digital rights management
- health and safety
- free speech
- hacking
- discrimination
- privacy
- censorship
- digital divide
- ethics
- copyright
- health and safety
- free speech
- hacking
- discrimination
- privacy
- censorship
- digital divide
- ethics
- copyright
Take ownership

- What do you want to do?
- What CS/IT areas really interest you?
- Identify the topics where you plan to be an expert
Professional Issues: Perspectives indicative list and categorisation - some topics are listed under more than one heading

Legal contexts and awareness
- Libel and defamation
- Crime online/ cyber-security
- Pornography
- Fraud
- Hacking
- Green ICT
- Legislation in workplace contexts

Global responsibilities/civic Responsibilities
- Environment
- Digital divide
- E-government
- Globalisation
- Social enterprise
- Think global act local
- Responsibilities
- Freedom of information
- Outsourcing
- Public awareness of science
- Globalisation

Workplace contexts and equality
- Organisations/business models
- Codes of conduct
- Data Protection Act
- Computer crime
- Whistleblowing
- Good practice
- Employment rights and law
- Health and safety
- Industrial tribunals
- Discrimination
- Accessibility
- Inclusivity

Digital Rights and Wrongs
- Copyright
- Copyleft
- Creative commons
- File sharing
- Intellectual property
- Digital rights management
- Privacy/security
- Ethical Computing

Personal ethics/Rights and responsibilities
- Academic ethics
- Civic duty
- Censorship
- Freedom of speech
- Defamation
- Whistleblowing
- Ethics
- Surveillance
- Professionalism
- Codes of conduct
- Professional bodies
- Professional practice
- Trades unions

Technology watch/Digital futures
- Open data
- Open source
- Augmentation
- Web 3.0/Semantic Web
- Linked Data
- E-commerce
- Emerging Business Models
Reminder: rationale of the structure

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Quiz

- You will be invited to respond to a short survey/quiz (midweek)
  - Designed to find calibrate
    - The progress you have made so far
    - Your familiarity with topics we are going to study
    - Your familiarity with the topics within the exam
    - The way which you are relating COMP1205 to the rest of your studies

Quiz notes

Your responses will be anonymous

But

I can send you reminders

...If you have not completed the task

Before next week

The quizzes are designed help you understand the breadth of the topics we are going to study in a quick and easy way
Independent Study

- Watch
  - RSA Animation on Motivation
  - Data Protection Act (from the ICO)
    - “The lights are on”
      - http://youtu.be/wAe4358amJc
    - “Data Day Hygiene”
      - http://youtu.be/CdYW0LC7TNh
    - Tick Tock
  - Visit and study
    - Information Commissioners Office
      - http://ico.org.uk/what_we_cover/legislation

- Review
  This week’s slides and instructions

Watch, visit, study, review

Before next week

Use your judgment to decide how carefully you work on a video, reading or task
remember keeping up to date makes it more likely you will pass the exam
also they are designed to prepare you for next week’s class
This week... and next

Timescales and Topics

W7: Uni w24 w/c 10/3

Overview & Intro

Review the slides

W8: Uni w25 w/c 17/3

Guest Lecture

Watch the videos

Guest Lecture Security

Visit the ICO website

Presentation Briefs

Take the quiz

Professor Michael Butler

Legislation in the IT workplace

Think about

Security

Privacy
Overview: timescales and topics

Ethics and Professionalism are threads which run throughout the module

Overview of entire module by multiple choice exam

Timescales and Topics

- W7: Uni w24 w/c 10/3
  - Overview & Intro
  - Presentation task briefing

- W8: Uni w25 w/c 17/3
  - Security guest lecture

- W9: Uni w26 w/c 24/3
  - Legal & workplace 1

- Vacation Easter

- W10: Uni w31 w/c 28/4
  - Legal and workplace 2
  - Presentations Hand in

- W11: Uni w32 w/c 5/5
  - Presentations
  - Peer marking (audience)

- W12: Uni w33 w/c 12/5
  - Presentations
  - Peer marking (audience)

Dr Su White saw@ecs.soton.ac.uk
COMPI205 w7-12 http://www.edshare.soton.ac.uk/12464/