Computer Programming: Skills & Concepts
(INF-1-CP1)
Introductory Information

20 September 2010

Contacts

<table>
<thead>
<tr>
<th>Rôle</th>
<th>Name</th>
<th>e-mail</th>
<th>room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Organiser and Lecturer</td>
<td>Mary Cryan</td>
<td><a href="mailto:mcryan@inf.ed.ac.uk">mcryan@inf.ed.ac.uk</a></td>
<td>IF-5.16</td>
</tr>
<tr>
<td>Lecturer</td>
<td>Julian Bradfield</td>
<td><a href="mailto:jcb@inf.ed.ac.uk">jcb@inf.ed.ac.uk</a></td>
<td>IF-4.07</td>
</tr>
<tr>
<td>Informatics Teaching Office</td>
<td></td>
<td><a href="http://www.inf.ed.ac.uk/admin/ITO/support/">www.inf.ed.ac.uk/admin/ITO/support/</a></td>
<td>AT LV.4</td>
</tr>
<tr>
<td>Systems Support</td>
<td></td>
<td><a href="http://www.inf.ed.ac.uk/systems">www.inf.ed.ac.uk/systems</a></td>
<td></td>
</tr>
</tbody>
</table>

Lecture & Tutorial Times

- Lectures:
  Mondays 2:00 pm  Forest Hill building, D2,
  Tuesdays 11:10 am Appleton Tower, AT2.12
  Thursdays 11:10 am Appleton Tower, AT2.12

- Tutorials: start in week 3. Times and locations to be announced.

Monday, 27th Sept: NO LECTURE. Instead we have a lab from 1pm-3pm in the North and West Labs on AT Level 5!!!

Practicals

- **Practical 0** introduces you to the computing system

- There will be three further practicals spread over the duration of the course. In each case, the main component will be some programming task(s).

- For **CP1 students**, practicals count for 25% of final mark (while the exam counts for the remaining 75%).— Rules are different for the CPMT1 students: 40% practicals, 40% exam, 20% Music practical (week 11).

- Please read the **Divisional Guideline on Plagiarism**, http://www.inf.ed.ac.uk/admin/ITO/DivisionalGuidelinesPlagiarism.html before commencing practical work.

---
Examinations

These are written papers.

- Degree examination in December (Week 12 or 13 of the First Semester). To pass CP1, you will need to achieve at least 35% in the written paper and at least 25% in the practical work and at least 40% overall. If you fail to achieve this in December, then there is the...

- Resit examination in August. The same rules apply.

Textbook

- A Book on C, by Al Kelley and Ira Pohl, 4th edition. The cost new is usually £35, but there should be a healthy second-hand market. (You could get by using another good introduction to C.)

- Make sure you have regular access to a textbook

- Copies available in the Main Library (George Square) and JCMB Library.

Labs

- Appleton Tower, Levels 3-5. Open 24/7. See http://www.inf.ed.ac.uk/admin/ITO/computinglabs.html
  You will need to swipe your library card to enter and you may also have to enter your pin (after 5pm)

- Do not use a lab room when used for a class session for another course; try another room. Respect the "quiet" lab areas.

- Personal accounts are set up for you, when you are registered for the course. Usernames and passwords can be obtained from the Informatics Teaching Organisation (ITO) in Appleton Tower.

- No set times, but avoid leaving all the work until near the deadline!

Course content

- A central core of programming in the C language,

- together with an understanding of how this relates to the machine

- This basis will be used to support various topics in computer science: problem solving, program design, efficiency of algorithms, etc.
Giving Feedback!!

- To lecturers after the lecture or by e-mail
- In tutorials
- Via class reps.
- Via course questionnaire (to be handed out at the end of term and available as a web form)

Announcements

... will be made
- in lectures;
- on the CP1 web page.
- It is the student's responsibility to keep abreast of course-related announcements (by reading their university accounts at regular intervals)

Course homepage

See http://www.inf.ed.ac.uk/teaching/courses/cp1/
- Course Handbook
- Lecture Notes
- Practicals
- Feedback Form
- Tutorial Groups & Lab sessions