

Research School of Computer Science

COMP3320/6464/Honours

2012 Course Administration

Preamble

This document gives a brief description of the administrative arrangements for COMP3320/6464 in 2012. Further details are given on the course web page:

<http://cs.anu.edu.au/student/comp3320/>

COMP6464 is a Masters level version of COMP3320. Both courses share the same lectures, but will differ slightly in the content of their laboratory and assignment components. The assessment scheme for the two courses is otherwise identical.

Honours students taking this course as part of their honours year at the ANU should take the COMP6464 version of the course.

Lecturers

- The course coordinator is Alistair Rendell. His office in the CSIT building is N226. His office phone numbers are 6125 4386 or 6125 5687. He will deliver most of the lectures and have overall responsibility for the course.
- Jiri Jaros will also deliver some lectures and be a tutor for the labs. His office is N234B in the CSIT building, and his phone number is 6125 6290. He will be primarily responsible for the lab material.
- Jun Zhou will also deliver some lectures and be a tutor for the labs. His office is N234 in the CSIT building, and his phone number is 6125 8171. Jun will be primarily responsible for the assignments.

Contact hours will be given on the COMP3320/6464 web page. Please contact the lecturers by email if you would like to make an appointment outside of these times. For email please use **comp3320@cs.anu.edu.au** as this will get forwarded to both lecturers.

Textbooks

There is no single text book for this course, a number of useful books are listed on the course web page. Of those the following is probably the most relevant and valuable, although the content is a bit Intel centric, It is also becoming a bit dated, so for example it does not contain GPU related material.

- *The Software Optimization Cookbook: High-Performance Recipes for IA-32 Platforms*, Richard Gerber, Aart J.C. Bik, Kevin B. Smith and Xinmin Tian, Intel Press, 2006 (2nd Edn). ISBN 0-9764832-1-1.

Lectures

The COMP3320/6464 lectures in 2012 are scheduled at the following times and in the following locations.

- Monday 10:00 - 11:00, EMS T
- Tuesday 11:00 - 13:00, EMS T

For a detailed lecture schedule please consult the COMP3320/6464 web page. Selected material presented in the lectures will be made available on the course web page before the lectures. When possible you should print this and bring a copy to the lecture.

Lab Sessions

Lab sessions start in week 3 (March 5) and will run every other week, i.e. weeks 3, 5, 7, 9 and 11, but see the course web page for a detailed schedule. Each lab goes for two hours. Jiri Jaros will have overall

responsibility for the labs, although all three staff will also be involved. Registration for lab class will be via streams:

<https://cs.anu.edu.au/streams>

Attendance at labs is **not** compulsory, but you should be aware that the lab sheets do contain new and examinable material.

The lab times are as follows:

No	Day	Start	Location
1	Wed	15:00-17:00	N114
2	Thu	10:00-12:00	N113

Assignments

Assignments will take the form of two projects that will run in the first and second halves of the semester.

- Project 1: Molecular Dynamics Simulation, worth 20 marks, due just before mid-semester break.
- Project 2: Cloth Simulation, worth 20 marks, due at end of week 12.

Detailed project specifications will be placed on the COMP3320/6464 web page. Extensions to deadlines or requests for special consideration will only be granted in exceptional circumstances, e.g. with medical certificates.

From the date that project marks are released electronically, you will have a period of two weeks in which to question your mark. After this period your mark will be final. Release of your project marks will be announced on the course web page and in lectures.

Course Mark

The assessment for COMP3320/6464 in 2012 will be in four parts:

1. Project 1: this will be a mark out of 20.
2. Project 2: this will be a mark out of 20.
3. Final written examination; this will be a mark out of 45. The exam will be 3 hours with 15 minutes of reading time and will be held after the end of semester in the normal examination period.
4. Mid-Semester Exam: this will be a mark out of 15. It will be 90 minutes long, with 15 minutes of reading time. It is tentatively scheduled for Wed April 4th during the regular lecture time — but please check the ANU exam timetable web site later in the semester for final details. If you miss the mid-semester, for a legitimate reason (e.g. medical), you will be awarded zero and your final course mark will be derived by scaling your final examination mark to represent 60, instead of 45 marks.

Your final mark will be calculated as follows:

```
if (Mid-Semester_Mark + Final_Exam_Mark >= 50%){
    Final_Mark = Project_1_Mark + Project_2_Mark + Mid-Semester_Mark + Final_Exam_Mark
} else {
    Final_Mark = Max(44, Project_1_Mark + Project_2_Mark + Mid-Semester_Mark + Final_Exam_Mark)
}
```

Course marks and grades will be derived from your final mark and may include some scaling. (If scaled this scaling will be applied to all students without bias.)

Supplementary exams will be awarded only to those students who have a course mark of AT LEAST 45/100 but less than 50/100. Supplementary and special exams will be held shortly after the general release of the Semester 1 exam results.

Alistair Rendell 20/2/2012