Syllabus for MTH 307

Programming and Data Structures

Semester 2, 2014-15

Classroom: L7, LHC (Bhauri)

Meeting times: Mon, Tue & Thu: 5:00 - 5:55 PM

Contact information:

Instructor: Dr. Kashyap Rajeevsarathy
Office: Academic Building 2, Room 124
E-mail: `kashyap@iiserb.ac.in`

Course Webpage: `http://home.iiserb.ac.in/~kashyap/MTH 307/mth307.html`

Topics: Please refer to page 102 of the 2013-14 ''COURSE CONTENTS''
manual. Please also refer to the Lesson Plan for the course available at:
`http://home.iiserb.ac.in/~kashyap/MTH307/lp.html`,
which will be updated from time to time.

Recommended Books:

- B.W.Kerninghan & D.M.Ritchie, *The C Programming language (2nd Edition)*, PHI Learning, 2013.

- K.N.King, *C Programming (2nd Edition)*, PHI Leaning, 2008.

- V.Aho, J.E.Hopcroft & J.D.Ullman, *Data Structures and Algorithms*, Pearson Education Inc, 2012.

Homework: Homework assignments will be due every other week. The
problems to be turned in will be shown on the course webpage. If you must
miss the class, try turning in your assignment in advance or have some one
else turn it in for you. Problems written should be should be legible and must
clearly indicate the steps used to arrive at the solution.

Quizzes: Two quizzes might be given during the course of the semester - one before the Midterm and another before the Final. The portions for the the quizzes with be announced in class.

Mid Sem and End Sem Exams: The exams will be given in the regular classrooms. The exact dates for the exams will be ocially announced later in the semester. Many of the problems on the exams will be similar to the homework and quiz problems. The Final Exam will be comprehensive with emphasis on topics that are discussed after the Mid Sem exam.No books, notes, or electronic devices of any kind may be used during exams.

When graded exams are returned, please check them carefully for any grading errors. All grading issues should be brought to my attention as soon as possible. Test scores are notrenegotiable after final grades are submitted. Do not make travel plans that might prevent you from taking any scheduled exam. If you have a verifiable reason why you cannot be present at an exam, you must contact me in advance to make an alternative arrangement.

Grading Scheme: A total of 100 percentage points will be distributed as follows:

- Homework and Quizzes: 20%.

- Midterm: 30%

- Final Exam: 50%.