ESS201: Programming II
Module: C++

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International Institute of Information Technology, Bangalore

Term I: 2018-19: Lecture 00 on 2018-Oct-08

Course Module Administrivia

Agenda

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Administrivia

Course Objectives

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- Appreciate C++ programming language, constructs, and practice.
- Understand object-oriented design.
- Procure working knowledge of C++ programming.

Logistics

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- Class timings (same as Java module):
  - Lectures: Mondays, Wednesdays; 11 am - 12:30 pm;
  - Labs: Tuesdays 3:45-6:45 pm
- Number of lectures (2 per week): 10-11 for this semester.
- Number of labs (1 per week): 5 for this semester.

Grading

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- In-class Tests: best of 2 tests for 10 points;
- Assignments (equivalent of labs): best 4 of 5 assignments for 10 points (2.5 points each);
- Final (group) project: 5 points;
- Exam (finals week): 50 points (30 points for 2 programming questions, 20 points for multiple choice questions).

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It is **mandatory** to:

- appear for both the tests;
- submit all assignments.

In-class Tests

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[Same as Java module]

- Design and implement code during the lab and submit by end of lab (6:45 pm).
- Intended to test ability to apply principles learnt so far, and ability to implement that in C++.
- No credit for previous week's lab/assignment if score is less than 50% in a test.

Timeline & Attendance

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- Labs: October 9, 23, 30, and November 6, 13, 20, 27.
- Lectures: October 8, 10, 22, 24, 29, 31, and November 5, 12, 14, 19, 21, 26, 28. [Holidays: Midterm break, Diwali]
- In-class tests: November 13, November 20.
- Project demo (tentative): November 30-December 1 (Friday-Saturday).

Attendance is **compulsory** for lectures and labs.

Statutory Warning on Cheating

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Same as was applied in Java module.

There will be no tolerance for any form of plagiarism or similar cheating.

All code submitted should be based on individual efforts.

Sharing code for others to use/copy will be treated as "abetting" cheating, and will also be penalized.

Penalty will be decided on a case-to-case basis, but will minimally result in a zero score for that assignment/test, and a further penalty equal to the grading weightage for that work. Repeat incidents could result in an F for the course.

We intend to use software tools to identify attempts at plagiarism