

CS 0411 Elementary Computing

Winter, 2010

General information:

Instructor: Dr. Ruizhong Wei, (ATAC 5021, Ex. 8227)

Text: Introduction to FORTRAN 90, by L. Nyhoff and S. Leestma, Prentice Hall

Lectures: WF 11:30 - 1:00, AT 2001

Labs: Th 9:30-10:30; 1:30-2:30, AT 3001

Office hours: Mondays 11:30-1:00, AT 5021

Course Web: <http://peace.lakeheadu.ca/cs0411.html>

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Description:

This course introduces basic knowledge of programming and problem solving. Students will learn development of good programs, simple system functions and the fundamental grammar of Fortran. Students will develop and write their own programs and run them in a time-sharing environment.

Materials:

Based on lecture notes, though the text book will be refereed frequently.

Assignments and Labs:

There will be 6 - 7 assignments in this term. Late assignments will be penalized and will not be accepted after 3 days. More detailed requirements of assignments will be distributed with the assignment sheets. Laboratory time will be used to help with the systems and to help develop programming skills and to introduce the assigned problems and work short practise problems.

Examinations:

There will be a mid-term and a final exams. The regulation of examinations and related matters is described on University Calendar.

Course grade:

To determine the final grade of the course, the following weights will be applied:

- Assignments and Labs: 35%
- Mid-term test: 20%
- Final exam: 45%