**CSC 1208 Individual Project I**

(a) Description

This course is to give students an experience of developing simple but complete applications. Focus will be put on programming and program documentations as well as realization of the objectives.

(b) Aims

The aims of the course are:

*•* To practically give students skills of integrating different concepts of programming into a single application.

*•* To introduce the student to hands on aspects of software develop- ment.

*•* To nurture the student’s ability to independently read different sources of literature so as to identify what (s)he can use to develop his/her application.

(c) Teaching and Learning Pattern

Learning will be largely by self study/ research. Students will be given programming Assignments that will be submitted after a specific period of time. The skills which that will be expected in the assignment will be indicated to the student. A member of staff will meet students at the issue of each of the assignment and address any outstanding issues as well as expectations. A minimum of six assignments will be given.

(d) Indicative content

The main content in the course is translation of a real life problem into a working computer program.

(e) Assessment method

Two assignments (each taking two weeks) and three assignments (each taking 3 weeks) will be given. The first two assignments will constitute the coursework (40%) while the last three assignments will constitute the examination mark (60%).

(f) Reading lists

Students can read any literature like books and online tutorials that can help in addressing the problem in the project at hand.