IST 256
APPLICATIONS PROGRAMMING FOR INFORMATION SYSTEMS
FALL 2009

Class Section 1:	Monday, Wednesday 3:45 – 5:05 pm No Friday class	Hinds 013 (iSysLab)
Instructor:	Dr. Nancy McCracken njm@ecs.syr.edu	Office: 209 Hinds Hall
Phone:	443-3955 (office)	Office Hours: 1:30 – 3:30pm Monday

Class Section 2:	Tuesday, Thursday 9:30 – 10:50 am	Hinds 010 (iLab)
Instructor:	Xiaozhong Liu xliu12@syr.edu	Office: TBA
Phone:	TBA	Office Hours: TBA

Course Description:

This course is designed as an introduction (no programming experience assumed) to the fundamentals of object oriented computer programming using a high level language. Upon completion of the course you will be able to write programs for your own future needs. Furthermore, this course will serve as a foundation from which you can explore other programming languages.

The content of the course is taught primarily through lab exercises and programming examples. Typically a class will start with a short introduction to new material and then prepared lab sheets will guide you to learn the details of the material.

Learning Outcomes:

At the end of the course you should be able to
1. Design a user interface that is easily understood and used.
2. Write efficient and elegant computer programs that can be easily understood by a knowledgeable person.
3. Explain the three structures of structured programming and use them to solve complex problems.
4. Be able to efficiently manipulate constants, simple variables, arrays, and records.
5. Program a computer to perform simple mathematical functions, string processing, and manipulate input and output files.

Coursework and Grading:

Weekly Lab Assignments	15%
Homework Assignments and Final Project	45%
Two In-class Exams and Final Exam	40%

Textbook:

There is no required textbook. Handouts describing the programming language Visual Basic will be placed in the Learning Management System (iLMS) and all material will be covered in class.

However, for students who want additional help with the Visual Basic programming environment, the following book is optional: "Visual Basic in easy steps", by Mike McGrath, second edition, Easy Steps Limited. This book gives an easy introduction to getting started with programming, but does not contain all of the topics of the course.

Attendance:
Attendance in all class sessions is expected. If you are absent, make arrangements with someone in the class to obtain class notes and materials. Illnesses and other emergencies will be excused with appropriate documentation.

Homework Policy:
Each weekly lab sheet is due at the end of the week and can be submitted at the end of lab on Wednesday. There will be (approximately) 13 weekly lab assignments and 3 of these will be dropped/excused with no penalty.

Homework will be due at the start of class the day the assignment is due. If you cannot attend class on the day homework is due or wish to submit it early, give it to a staff member in 114 Hinds Hall. They will time and date stamp it.

Academic Integrity

The academic community of Syracuse University and of the School of Information Studies requires the highest standards of professional ethics and personal integrity from all members of the community. Violations of these standards are violations of a mutual obligation characterized by trust, honesty, and personal honor. As a community, we commit ourselves to standards of academic conduct, impose sanctions against those who violate these standards, and keep appropriate records of violations. The academic integrity statement can be found at: http://supolicies.syr.edu/ethics/acad_integrity.htm.

Disabilities

If you believe that you need accommodations for a disability, please contact the Office of Disability Services (ODS), http://disabilityservices.syr.edu, located in Room 309 of 804 University Avenue, or call (315) 443-4498 for an appointment to discuss your needs and the process for requesting accommodations. ODS is responsible for coordinating

disability-related accommodations and will issue students with documented disabilities Accommodation Authorization Letters, as appropriate. Since accommodations may require early planning and generally are not provided retroactively, please contact ODS as soon as possible.

Ownership of Student Work

This course may use course participation and documents created by students for educational purposes. In compliance with the Federal Family Educational Rights and Privacy Act, works in all media produced by students as part of their course participation at Syracuse University may be used for educational purposes, provided that the course syllabus makes clear that such use may occur. It is understood that registration for and continued enrollment in a course where such use of student works is announced constitutes permission by the student. After such a course has been completed, any further use of student works will meet one of the following conditions: (1) the work will be rendered anonymous through the removal of all personal identification of the work's creator/originator(s); or (2) the creator/originator(s)' written permission will be secured. As generally accepted practice, honors theses, graduate theses, graduate research projects, dissertations, or other exit projects submitted in partial fulfillment of degree requirements are placed in the library, University Archives, or academic departments for public reference.