

# IE 0015 INTRO TO INFORMATION SYSTEMS ENGINEERING

## FALL 2006 SYLLABUS

**CREDIT HOURS:** 3

**TIME:** Tuesday & Thursday 10:00 -10:50 AM

**LAB:** Wednesday or Thursday 1:00 - 2:50 PM (Room B64C Benedum Hall CLIP Lab)

**ROOM:** 1022 Benedum Hall/B64C Benedum Hall CLIP Lab

**INSTRUCTOR:** Dr. Oleg Prokopyev

OFFICE: 1037 Benedum Hall

PHONE: 412-624-9833

IE DEPT FAX: 412-624-9831

E-MAIL: prokopyev@engr.pitt.edu

OFFICE HOURS: TBA

(Feel free to stop by my office in any other time, though a prior appointment is preferred.)

**TA:** Lin Wang, IE PhD student

TA OFFICE: 569 Benedum Hall (ADC Lab)

TA PHONE: 412-624-4823

TA E-MAIL: liw4@pitt.edu

TA OFFICE HOURS: Monday & Wednesday 10:00 AM-11:00 AM

### **TEXT:**

*Developing Web-Enabled Decision Support Systems Using VB.NET and ASP.NET*, preprint, by Abhijit Pol & Ravindra Ahuja.

(Note: the authors have granted permission to use the electronic copy of this book for this class. You will be able to download some of the chapters of the book from the Courseweb site. You are allowed to make paper copies of the chapters for yourself, but you are not allowed to redistribute either in part or in whole them in any form. If it is necessary additional reading material will be distributed in the class.)

### **COURSE DESCRIPTION:**

This course is an introduction to the major components of information systems, including database management system (DBMS), some elements of software engineering, graphical user interface (GUI) design, standalone and Web-based information systems. Students will have hands-on exercises and assignments using the Visual Studio.NET programming environment and Microsoft Access (a relational database management system).

### **GRADING CRITERIA:**

Homeworks 30%

Quizzes 20%

Mid-term Exam 25%

Final Exam 25%

**ATTENDANCE:** No attendance will be taken, but the students are responsible for the announcements made in the class.

**DISABILITY:** If you have a disability for which you are or may be requesting an accommodation, you are encouraged to contact both me and Disability Resources and Services, 216 William Pitt Union, (412) 648-7890 as early as possible. DRS will verify your disability and determine reasonable accommodations for this course.

**SPECIAL REQUIREMENT:**

1. Access to the Internet is required. This course will have a course Web site within the University's "Blackboard" system. The instructor will use the Web site to make announcements and to distribute materials such as lecture notes and homework. It is your responsibility to obtain access to the Web site. If you do not already have access to the Blackboard system, please contact the Help Desk at 624-HELP or via email at helpdesk+@pitt.edu.

2. Multiple floppy, ZIP disks, and/or CDs are needed for turning in programming and database assignments.

3. You need to have access to computers with Microsoft Visual Basic.NET (VB.NET) and ASP.NET loaded (both are part of the Visual Studio.NET package). You can either use the computers in the computing labs, such as the one on the 10<sup>th</sup> floor in Benedum Hall, or if you have your own computer, you can obtain **free copies** of the required software from CSSD and install them on your personal computer. However, the instructor and the TA cannot provide technical support on the installation, use, and maintenance for software installed on your personal computer. Below are information copied from the CSSD Website ([www.technology.pitt.edu](http://www.technology.pitt.edu)). The closest distribution point is the computer lab on the 10<sup>th</sup> floor in Benedum.

"Microsoft Campus Software for Students is provided at no cost to all active University students. Students will receive free CDs for Office (Windows or Macintosh) and FrontPage. Distribution points at the Pittsburgh Campus will be 105 Bellefield Hall, David Lawrence Hall Computing Lab, Posvar Hall Computing Lab, Hillman Library Computing Lab, Sutherland Hall Computing Lab, Benedum Hall Computing Lab, and the Cathedral of Learning Computing Lab. Distribution points for regional campus students will be announced by the regional campuses.

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