Systems Analysis and Design
(Undergraduate)

BT421 – Syllabus
Fall 2012

Instructor: Raj Kempaiah
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Office Hours: By appointment only
Telephone: 718-405-3368
WJHSTM Fax: 201-216-5385
Class Time: Tuesday 6:15 – 8:45 PM
Class Room: Babbio Center - Room 122

Required Textbooks:


Recommended Books:


Course Overview
This course covers the analysis and development of systems to meet the growing demands for information in the organizations. Students will learn how to analyze systems development life cycle, analysis and design techniques, information systems planning and project identification and selection, requirements collection and structuring, process modeling, data modeling, design of interface and data management, system implementation and operation, system maintenance, and change management implications of systems. It looks at current methods and tools such as rapid application development, prototyping, and computer-aided software development (CASE). Procedure models like the waterfall model, spiral, and prototyping approaches as well as the rational unified process are examined in detail.

Grading policy

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Laptops/Netbooks/ipad Policy

Laptops/Netbooks or similar electronic items are not allowed in the class. Students are asked not to bring the laptops to the class.
CELL PHONE USE & STUDENT BEHAVIOR

Use of cell phones, pagers or similar electronic devices is prohibited in the class. All such devices must be turned off or put in a silent mode and cannot be taken out during class. At the discretion of the instructor, exception to this policy is possible in special circumstances.

Leaving the classroom before the end of class is disruptive. If a student absolutely needs to do so, he/she should obtain permission before or at the beginning of class. **Students caught sleeping in class or reading material not related to the subject matter under discussion will be asked to leave the classroom.**

Weekly Assignments

On certain weeks you will be given assignment based on the class discussion. Write clearly and proof read your submissions. You can either submit it electronically or in printed form. Grade for late submissions will be reduced by 20% if turned in later than class date.

**Your graded assignment will be returned to you in two weeks.**

Exams

Exams will be a combination of questions and problem solving exercises. It will cover the materials from class discussions, assigned readings, weekly assignments and so forth.

Quizzes

There will be quizzes which will be given at the beginning of the class. If you miss the quiz it will not be given again.

Student Attendance/Participation

Attendance and Participation are important aspect of the class. If you miss a class you have to do all the work including the assignments. You are expected to participate in the classroom discussions and therefore come prepared with any questions you might have or your understanding and viewpoints on the readings.
Email
When sending e-mail to the instructor, in the ‘subject’ line indicate BT421 followed by the topic. Also, include your full name so we know who you are when we respond. If you are attaching any document make sure you scan for the viruses before you send them. Any document found to have virus will be deleted and there will be a penalty imposed.

Ethical Conduct
Enrollment into the undergraduate program at Stevens Institute of Technology signifies a student’s commitment to the Stevens Honor System. It is the responsibility of each student to become acquainted with and uphold the ideals set forth in the Honor System Constitution.

References


