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| **IIST 636: Systems Analysis in the Info. Environment** |
| **Syllabus - Spring 2009** **(Monday, 5:15 – 8:05PM, Draper 346)** |

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| **Contact Information** |

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| **Instructor's Name** | **Office** | **Phone** | **Email** | **Office Hours** |
| Girk Cakmak | 39 N. Pearl St. Albany, NY 12207 | (518) 669 6866 | girkcakmak@gmail.com | By appointment |

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| **Course Description** |

IIST 636 is a course which systematically describes the entire life cycle needed to create an information system, including such aspects as system architecture, requirements analysis, interface design, database design, output design, and basic project management issues. This class will focus on theory and methods of systems analysis as applied to information systems and services.

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| **Course Objectives** |

Upon successful completion of IIST 636, students will:

* have a theoretical and conceptual understanding of systems analysis and design methods;
* identify and apply major alternative methodologies used in developing information systems;
* analyze and track issues that arise during systems analysis processes and develop an appropriate strategy to solve them and provide the required information service.
* prepare and interpret a variety of system description documents, including physical and logical data flow diagrams, entity-relationship diagrams, etc.

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|  **Textbook** |

Whitten, J. L., Bentley, L. D., *Systems Analysis and Design Methods*, 7th Ed., ISBN 0073052335, McGraw-Hill/Irwin, 2007.
This is a required textbook for the course and it is available at [Mary Jane Books](http://www.maryjanebooks.com/)  - (http://www.maryjanebooks.com/)

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| **Requirements** |

**Readings**

Students are expected to read the assigned materials before each class. For specific readings, please see the semester schedule. Additional readings may be added from time to time.

**Attendance/participation**

Students are expected to be prompt and prepared for class as well as participate in the classroom discussions. Participation accounts for 10% of total course grade. You are asked to notify your instructor in advance if you cannot attend class, must arrive late or leave early, expect to submit work late, or intend to withdraw from the course. Your contribution to the discussions will count towards your grade only if it is a substantial contribution.

**Assignments**

There are three (3) assignments, one midterm exam and one final exam for this course. All assignments will be distributed either in the classroom or via email, allowing for enough time to complete them.

**Group Work**

A group of maximum 3 students may work together on the assignments.

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| **Assignment/Project Submission** |

All assignments and projects must be submitted as electronic documents (single file for each assignment/project; save it as a zip file if assignment/project is in multiple files) via eamil (sent to the instructor) by **midnight** Eastern Standard Time on the due dates. Each student is responsible for submitting the assignments/projects on time. Late submissions will not be accepted without the permission of the instructor and students who submit their work late will lose 5 points at the discretion of the instructor.

Any written report that is word-processed should be double-spaced. Students are required to cite sources, if any are used in their written reports, according to either the American Psychological Association (APA) or Turabian style manual. Please choose only one style manual and use it throughout the report.

American Psychological Association. 2001. *Publication manual of the American Psychological Association*, 5th ed. Washington, DC: American Psychological Association.

Turabian, Kate L. 1996. *A manual for writers of term papers, theses, and dissertations*. 6th ed. Chicago: University of Chicago Press.

Both style manuals are available in the reference sections of University Libraries, including the Dewey Library.

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| **Grading** |

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| **Assignment/Project/Task** | **Percentage of Total Grade** |
| Participation | 10% |
| In-Class Exercise  | 17% |
| Assignments (First assignment carry 2%, others carry 9%) | 38% |
| Mid-Term Exam | 15% |
| Final Exam | 20% |
| Total | 100% |

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| **Letter Grade** | A | A- | B+ | B | B- | C+ | C | C- | D | E |
| **Scale** | 95-100 | 90-94 | 86-89 | 83-85 | 79-82 | 75-78 | 71-74 | 68-70 | 60-67 | 0-59 |

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| **Course Policies** |

The Department of Information Studies takes academic dishonesty very seriously. Before taking classes within the Department of Information Studies, you should familiarize yourself with the department’s Academic Dishonesty Policy, available in both the department’s Graduate Handbook and online at <http://www.albany.edu/cci/informationstudies/forms/admin_forms/Academic_Dishonesty.pdf>

Professors reserve the right to add to the department’s policy as they see appropriate.

The instructor of this course has a zero tolerance policy for academic dishonesty, [plagiarism](http://albany.edu/cetl/teaching/plagiarism.html), and cheating. Any such activity will be reported  to the [Office of Judicial Affairs](http://www.albany.edu/judicial_affairs/) according to the policies set forth in the current University at Albany Undergraduate Bulletin or University at Albany Graduate Bulletin, whichever is applicable to the student. The instructor abides by and enforces all relevant University at Albany policies.

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| **Weekly Schedule -- Spring 2009 (Instructor: Girk Cakmak)** |

**Submit all assignments and projects to the instructor via email by midnight Eastern Standard Time on the due dates. This schedule may be updated/changed accordingly.**

Last Updated on 3/23/2009

