**Course Description:**

ISDS 406 is a senior-level course in modern information systems analysis and design. The overarching goals of this course are to familiarize you with the fundamental methods underlying the analysis, design, development, and implementation of modern information systems. This course will also familiarize you with the different job tasks and career trajectories available to information systems professionals working in the areas of analysis, design, and IS project management. Throughout this course you will learn about many aspects of modern analysis and design methods, including:

- Project selection and management
- Requirements determination
- Use case analysis
- Process modeling
- Data modeling
- Systems architecture design
- User interface design
- Program design
- Data storage design
- Systems implementation

**Required Text:**

**Expectations:**
The content of this course is difficult to master without a substantial degree of effort on your part. You will thus need to dedicate a great deal of time to reading and thinking about the topics being addressed if you are to be successful. As this course moves quickly, you will need to be especially vigilant about keeping pace with the course schedule. In addition to lectures, the course website will be a key resource for obtaining course materials and for communicating with the professor and your classmates. Please be sure to check the website for updates at least a few times every week.

**Additional Advice:**
Don't fall behind, don’t be afraid to ask questions, and don’t miss class. New topics will definitely build upon older topics, so it is critically important that you understand the material presented at the outset of the course if you are to be successful later on.

**Evaluation:**
Your course grade will be based on your performance on three exams, three online quizzes, and eleven group assignments. All exams will be closed-book and closed-notes, and will take place on the main CSUF campus per the course schedule. Exams are not cumulative in the traditional sense.

Each quiz will be available online for several days, and may be taken a maximum of two times. The average score from these two attempts will count toward your final grade in the course.
Assignments will be completed in small groups utilizing a variety of tools and techniques, and must be completed by the end of class on the date specified in the course schedule. Group member participation will be logged for each assignment, and only those group members who participate in completing an assignment will receive credit. Group assignments must be turned in by students in-person. Only hardcopy (printed) group assignment will be accepted — softcopy or emailed submissions are not allowed and will not be accepted unless noted otherwise. Further details about group assignments will be made available on the course website.

Late group assignments, quizzes, or make-up exams will not be allowed without a documented, University-approved excuse. No exceptions!

Final course grades will be determined using the following scale:

- >= 93.0%: A
- >= 90.0% but < 93.0%: A-
- >= 88.0% but < 90.0%: B+
- >= 83.0% but < 88.0%: B
- >= 80.0% but < 83.0%: B-
- >= 70.0% but < 80.0%: C
- >= 60.0% but < 70.0%: D
- < 60.0%: F

Weights are as follows. There is typically no extra credit in this course, but Dr. Soper may alter this at his discretion.

- Exams: 60% (3 exams equally weighted @ 20% each)
- Online Quizzes: 18% (3 quizzes equally weighted @ 6% each)
- Group Assignments: 22% (11 assignments equally weighted @ 2% each)

Total: 100%

Other Class Rules
- Please ensure that the ringer on your mobile phone is switched off during class.
- Please do not use any inappropriate or offensive language during class.
- If you have a grading dispute for a group assignment, quiz, or exam, you must provide written details of your dispute to Dr. Soper within one calendar week of your grade having been made available to you. This includes grades being made available via the course website.
- If you have any special needs or require any special accommodation, you must inform Dr. Soper within the first week of the semester if you would like those needs to be accommodated. Please note that any special accommodation must be documented by the CSUF Disabled Student Services office. Information about your right to accommodations for documented special needs can be obtained from the Disabled Student Service office, UH 101, 657.278.3117 or as documented at http://www.fullerton.edu/disabledservices/

MCBE Assessment Statement:
“The main purpose of the degree program at Mihaylo College of Business and Economics (MCBE) at CSU Fullerton is to provide you with the knowledge and skills that prepare you for a successful career in business. In order to assist us in achieving this goal, we will use a number of assessment tools to track your progress throughout the MCBE curriculum. Please expect to participate in MCBE assessment activities in several of your courses while at MCBE. As you do so, you will assist us in identifying our program’s strengths and weaknesses as well as areas for potential improvement. In other words, you are making an important investment in the value of your degree.”
Academic Integrity:

Per UPS 300.021: “Academic dishonesty includes but is not limited to cheating on examinations or assignments, unauthorized collaboration, plagiarism, falsification/fabrication of University documents, any act designed to give unfair academic advantage to the student, assisting or allowing any of these acts, or the attempt to commit such acts.” These activities are expressly prohibited in this course.

As this is a senior-level course, you will be held to a high standard of academic integrity and behavior. Academic dishonesty will minimally result in a student receiving no credit for the assignment, quiz, or exam, but may result in the student being assigned a failing grade for the entire course, or in extreme cases, dismissal from the University. University policy requires that violations of academic integrity be reported to the Dean of Students Office, Judicial Affairs. Please note that you are subject to all of the provisions of the University Policy Statement on Academic Integrity, although only a subset of those provisions is noted above. For more information, please see: http://www.fullerton.edu/senate/PDF/300/UPS300-021.pdf

Finally...

As a student in the Mihaylo College of Business and Economics, you are required to make an ethical and professional commitment to act appropriately in all academic activities and to not tolerate any dishonorable or disrespectful behavior from yourself or from your classmates. This requirement applies unambiguously to ISDS 406.