ISDS 555 –Business Database Design
Course Schedule – Summer 2017*

WEEK	WEEKLY ACTIVITIES	ASSIGNMENTS & QUIZZES
1 (30 May to 04 June)	**Course introduction:** • Review of syllabus and schedule • Group formation **Topic 01:** • <u>Lecture/Reading</u>: Getting started with databases (Chapter 01) • Group Assignment 01 **Topic 02:** • <u>Lecture/Reading</u>: The relational model (Chapter 02) • Group Assignment 02	**Due by 11:55pm on Sunday, June 4th:** • **Group Assignment 01** • **Group Assignment 02** • **Online Quiz 01**
2 (05 June to 11 June)	**Topic 03:** • <u>Lecture/Reading</u>: SQL: the Structured Query Language (Chapter 03) • Group Assignment 03	**Due by 11:55pm on Sunday, June 11th:** • **Group Assignment 03**
3 (12 June to 18 June)	**Topic 04:** • <u>Lecture/Reading</u>: Data modeling and the entity-relationship (ER) model (Chapter 04) • Group Assignment 04	**Due by 11:55pm on Sunday, June 18th:** • **Group Assignment 04** • **Online Quiz 02**
4 (19 June to 25 June)	**Topic 05:** • <u>Lecture/Reading</u>: Database design (Chapter 05) • Group Assignment 05	**Due by 11:55pm on Sunday, June 25th:** • **Group Assignment 05**
5 (26 June to 02 July)	**Topic 06:** • <u>Lecture/Reading</u>: Database administration (Chapter 06) • Group Assignment 06 **★★★ COMPREHENSIVE EXAM ★★★** **The exam will take place on the main CSUF campus on <u>Saturday, July 1st</u> from 12:00pm – 2:00pm in Mihaylo Hall (room to be determined).** **You may also take the exam remotely using ProctorU (at your own expense)**	**Due by 11:55pm on Sunday, July 2nd:** • **Group Assignment 06** • **Online Quiz 03**

* Subject to change with notice

ISDS 555 – Business Database Design
Course Syllabus – Summer 2017

Professor:	Dr. Daniel Soper
Email Address:	dsoper@fullerton.edu
	(*please include your name and course number in all email messages*)
Office Location:	SGMH 4169 (4th floor of Mihaylo Hall, west wing)
Office Phone:	657.278.7270
Office Hours:	By appointment (online, telephone, or on-campus)
Course Website:	My CSUF >> Titanium >> Summer 2017 ISDS 555-59 11246

Course Prerequisites:

To take this course, students must be enrolled in a graduate degree program at the Mihaylo College of Business and Economics.

Mandatory On-Campus Meetings:

- Although this is primarily an online course, students will be required to take an exam on the main CSUF campus on Saturday, July 1st, 2017.
- Students who are unable to come to campus may take the exam online via ProctorU. Students taking the exam online must have a computer with a webcam and all of the required software for the course, and must pay ProctorU's proctoring fee (which is approximately $20).

Course Description:

ISDS 555 is a graduate-level course in business database design and management. The overarching goals of this course are to familiarize you with the fundamental concepts underlying the design, development, implementation, and maintenance of modern databases. This course will also familiarize you with how databases are leveraged by organizations to enable their day-to-day operations, enhance their managerial decision-making activities, and improve their competitive positions. Throughout this course you will learn about many aspects of modern database design and management including:

- Database fundamentals
- The relational database model
- The structured query language (SQL)
- Data modeling and the entity-relationship (ER) model
- Database design
- Database administration

Required Textbook:

Kroenke, D., et al. (2017). Database Concepts (8th edition). Pearson, ISBN: 013460153X.
Note: You may rent this textbook from Amazon for about $45. See:
https://www.amazon.com/Database-Concepts-8th-David-Kroenke/dp/013460153X

Required Technologies and Skills:

The following technologies and skills are required in order for you to take this course:

- You must have access to a computer that has an active Internet connection and a web browser that can correctly render the course website (*e.g.*, Chrome, Edge, Safari).
- You must have access to software that will allow you to consume and produce Microsoft Office and Adobe PDF documents.
- You must have access to software that will allow you to watch MP4-encoded video files.
- You must possess the requisite skills to use the hardware and software noted above.
- <u>Additional software will be made available to you at no cost for the purpose of designing and building databases</u> (Microsoft Visio and Microsoft SQL Server). If you choose not to download and install this software, then you will likely need to complete your assignments on campus at Mihaylo Hall.

Expectations and Behavior:

- Successful completion of this course will require 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 and working on your assigned tasks if you are to be successful. <u>Since this course moves quickly, you will need to be especially vigilant about keeping pace with the course schedule</u>.
- The course website will be a key resource for obtaining course materials and for communicating with the instructor and your classmates. Please be sure to check the website for updates at least a few times every week.
- When digitally communicating with Dr. Soper or your classmates, you will be required to follow the standard rules of network etiquette ("netiquette"). A detailed description of standard netiquette rules is published by the Internet Engineering Task Force (IETF) in RFC 1855, which can be found at http://tools.ietf.org/html/rfc1855
- Although Dr. Soper will not actively monitor your interactions with the course website, be aware that all of those interactions are automatically logged and can be reviewed if deemed necessary. <u>These activity logs will be used to settle any questions regarding whether assignments or other deliverables were turned in on time</u>.

Instructor Responsiveness:

- Barring any unusual circumstances, all student emails requiring a response will be answered within 2 business days.
- Grades for all online quizzes, assignments, and exams will be posted within ten calendar days following their respective due dates.

Additional Advice:

Don't fall behind, and don't be afraid to ask questions. You have many options for contacting and interacting with your instructor and with your fellow classmates, so please do not hesitate to use them as necessary.

Evaluation:

Your course grade will be based on your performance on one comprehensive exam, three online quizzes, and six brief group assignments.

- The exam will be closed-book and closed-notes, and will take place on the main CSUF campus or via ProctorU per the date shown on the course schedule.
- Online quizzes will be made available on the course website, and must be completed by 11:55pm Pacific Time on the dates noted on the course schedule.
- Group assignments will be completed in small groups (4 to 5 students) utilizing a variety of tools and techniques, and must be uploaded to the course website (turned in) by 11:55pm Pacific Time on the dates noted on the course schedule. If a student does not contribute to the completion of a group assignment, he or she will receive a score of zero for that assignment. Further details regarding the group assignments will be made available on the course website.

Final course grades will be determined using the scale shown in the table below.

>= 90.0%:	A
>= 80.0% but < 90.0%:	B
>= 70.0% but < 80.0%:	C
>= 60.0% but < 70.0%:	D
< 60.0%:	F

Weights are as follows:

Comprehensive Exam:	40%
Quizzes:	30% (3 quizzes, equally weighted @ 10% each)
Group Assignments:	30% (6 group assignments, equally weighted @ 5% each)

Your current grade will always be available for your review in your personal online gradebook, which can be accessed via the course website.

Please note the following course policies relating to grades. <u>These policies are non-negotiable</u>:

1. Late group assignments, quizzes, or make-up exams will not be allowed without a documented, University-approved excuse. <u>No exceptions</u>!
2. <u>No "rounding up" will be applied to final course grades</u>.
3. There is typically no extra credit in this course, but Dr. Soper may alter this at his discretion. <u>No individualized extra credit assignments will be offered under any circumstances</u>.
4. Any email messages received at the end of the semester requesting a higher grade or the opportunity to earn extra credit will be ignored.

Technical Problems:

- Please be aware that Dr. Soper has no direct control over the hardware, software, databases, or networks that underlie the course website. If you encounter any technical

problems, you should therefore contact the CSUF IT Help Desk instead of contacting your professor. You can contact the help desk by calling 657.278.7777, or by sending an email to helpdesk@fullerton.edu.

- Although the course website is generally very reliable, it will occasionally be offline for maintenance. You should therefore avoid waiting until the last minute to submit your quizzes or assignments so as to hedge against the possibility of the course website being unavailable.

Additional Class Rules and Considerations:

- If you have a grading dispute of any kind, 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, you must inform Dr. Soper within the first week of class if you would like those needs to be accommodated. Please note that any special accommodations must be properly documented by the CSUF Office of Disability Support Services. Information about your rights to accommodation for documented special needs can be obtained from the Office of Disability Support Services, UH 101, 657.278.3117 or as documented at http://www.fullerton.edu/DSS/
- Since you may occasionally find yourself on campus throughout the semester, you should review the University's recommendations regarding emergency preparedness, which can be found at http://emergencypreparedness.fullerton.edu

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 (such as, but not limited to, submission of essentially the same written assignment for two courses without the prior permission of the instructor), assisting or allowing any of these acts, or the attempt to commit such acts." These activities are expressly prohibited in this course.

Since this is a graduate course, you will be held to a high standard of academic integrity and behavior. Academic dishonesty will minimally result in your receiving **no credit** for the associated deliverable, but may result in your being assigned a **failing grade** for the entire course, or **dismissal from the University**. University policy requires that violations of academic integrity be reported to the Student Conduct division in the Dean of Students Office. 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/publications_policies_resolutions/ups/UPS%20300/UPS%20300.021.pdf

Assessment Statement:

The programs offered at the Mihaylo College of Business and Economics (MCBE) at CSUF are designed to provide every student with the knowledge and skills necessary for a successful career in business. Since assessment plays a vital role in the College's drive to offer the best programs possible, several assessment tools are used to constantly evaluate those programs and our students' progress. Students, faculty, and staff should expect to participate in MCBE assessment activities. In doing so, the Mihaylo College is able to measure its strengths and weaknesses, and continue to cultivate a climate of excellence in its students and programs.

Finally...

As a graduate 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 555.