

CS-6360 SYLLABUS



Course: CS-6360.003 Database Design

Instructor: Chris Irwin Davis

Term: Spring 2017

Lecture Time: 1:00PM-2:15PM Tue & Thu

Lecture Location: ECSS 2.311

Instructor Information

Name: Chris Irwin Davis

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Office Phone: (972) 883-3574

Office Location: ECSS 4.603

Office Hours: TBD

Other Information: All course content on eLearning

Prerequisites

CS-5343, Algorithm Analysis & Data Structures or equivalent

Description

Database Design (3 semester hours) Methods, principles, and concepts that are relevant to the practice of database software design. Database system architecture; conceptual database models; relational and object-oriented databases; database system implementation; query processing and optimization; transaction processing concepts, concurrency, and recovery; security.

Required Textbook

Fundamentals of Database Systems, 7th Edition, R. Elmasri and S. B. Navathe, Addison-Wesley.
ISBN-13: 978-0133970777

Note: The 7th Edition is very different from the 6th Edition.

Grading Scale and Assignment Weight

Area	Weight
Homework, Quizzes, and Participation	5%
Programming Assignments	30%
Midterm Exam	30%
Final Exam (comprehensive)	35%
Total	100%

Final course grades are submitted as letter grades. Mapping of grade percentage letter grade thresholds for the overall course grade is:

%	Letter Grade	GPA Credit
≥ 94	A	4.000
[90 – 94)	A-	3.670
[87 – 90)	B+	3.330
[84 – 87)	B	3.000
[80 – 84)	B-	2.670
[77 – 80)	C+	2.330
[74 – 77)	C	2.000
< 74	F	0.000
—	NF*	0.000

* Failure for non-attendance

<https://catalog.utdallas.edu/2015/graduate/policies/grades>

General Course Policies

- **eLearning** is the official information portal for this course. All course assignments, announcements, schedule, homework, lecture slides, and grades will be communicated via eLearning.
- Final *official* course grades will be posted in Galaxy by the Records Office.
- **Attendance**
 - Lecture attendance will be recorded.
 - If you are not able to attend a lecture, you are responsible for any information communicated during that class, including but not limited to – lecture notes, assignments, announcements, and schedule changes.
 - **If you miss three classes, your final course grade will be reduced by one letter grade (10 points). Missing four total classes will result in an automatic grade of F.** This is based on departmental policy.
 - Documented absences for health, bereavement, or religious holidays do not count against your total
- All submissions must be your own work. Students guilty of plagiarism will receive *zero credit* for the plagiarized work and may be subject to further academic penalties, per university policy.
- If you decide to stop attending class, be sure to drop or withdraw from the course. Otherwise, you risk receiving an 'F' or 'NF' for the course.
- The course Teaching Assistant (TA) will grade all Homework, Quizzes, and Programming Assignments. Questions about these grades should be directed first toward the TA.
- The instructor will grade both the Midterm Exam and Final Exam.
- Any student wishing to review or contest a grade has exactly one calendar week from the time the grade is posted to initiate an inquiry.
- **No additional individual work can be assigned for extra credit.** Only work that is assigned to the entire class may be considered and counted toward a course grade.

Homework and Participation

- Each Homework shall be weighted 0.5% of your course grade (maximum 10).
- Any remaining points to reach the total of 5% shall be considered a participation grade.
- All Homework assignments shall be submitted online through eLearning.
- **Homeworks are due before the deadline time passes.** e.g. an assignment that is due at 11:59PM is LATE if the time stamp is 11:59PM. Please do not wait until the last minute to submit. The unpredictability of your internet connection is not a valid excuse for a late submission.
- Answer keys to homework will be visible online automatically after the submission deadline passes. Therefore, **late Homework cannot be accepted and will be assigned zero credit (0 points).** Submit incomplete work before the deadline for partial credit.
- Multiple Homework submissions are permitted before the deadline.

Programming Assignments

- All programming assignments shall be submitted online through eLearning.
- Late submission of programming assignments is permitted with the following penalties.
 - -10% of possible points for up to 24 hours late,
 - -25% of possible points for up to 48 hours late,
 - -50% of possible points for up to 72 hours late,
 - No credit for more than 72 hours late.

Midterm Exam and Final Exam

- The Midterm and Final Exam are both *closed book* and *closed notes*.
- The Final Exam will be comprehensive, although more weight will be given to material presented after the midterm.
- Final Exam will be on the date/time set by the university and published in Galaxy.
- Both the Midterm and Final Exam will be administered in the **UTD Testing Center** (in the basement of the McDermott Library).
 - **You will be required to reserve a seat in advance in order to guarantee being able to sit for an exam.** (<http://www.utdallas.edu/studentsuccess/testingcenter/>).
 - All Testing Center policies apply with respect to items that are disallowed (jackets, pencil boxes, bottled water, etc.).
- The Midterm and Final Exam will not be returned. They will be kept on file by the instructor for one additional semester. Anyone wishing to review his/her exam can speak to the instructor during published office hours or make a separate, private appointment.
- Make up exams for either Midterm or Final will be administered only for verifiable emergencies. A student must make every attempt possible, via telephone or email, to notify the instructor that he/she will miss the exam prior to the examination date and time. Homework and Assignments.

UT Dallas Syllabus Policies and Procedures

<http://coursebook.utdallas.edu/syllabus-policies/>

UTD Comet Creed

This creed was voted on by the UT Dallas student body in 2014. It is a standard that Comets choose to live by and encourage others to do the same:

“As a Comet, I pledge honesty, integrity, and service in all that I do.”

The descriptions and timelines contained in this syllabus are subject to change at the discretion of the instructor.