



**KENNESAW STATE
UNIVERSITY**

SYLLABUS

Software Engineering and Game Development Department
CSE 3153: Database Systems, Section 01
Spring 2023

Course Information

Class meeting time: Tuesday and Thursday, 11:00 AM – 12:15 PM

Location: Atrium Building, Room J-251

Instructor Information

Name: Mona Chavoshi

Email: mona.chavoshi@kennesaw.edu

Office Location: J-261B

Office phone: 470-578-3075 (during office hours only)

Office Hours: T/R 12:15 PM – 1:15 PM

Virtual – M/W 2:00 PM – 4:00 PM

Preferred method of communication: KSU email, only from your KSU student email account! Please include the class name and number in the subject line.

Advising: All advising questions should be directed to the [CCSE Advising office](#).

Course Description

The topics in this course span from a review of the traditional file processing systems to database management systems. Topics include files systems and file processing logic, planning, and major phases of database development: analysis, design, and implementation. Labs use an SQL based database product such as SQL Server.

Course Objectives

By the end of this course, you should be able to:

1. Describe basic database terminology

2. Analyze an Enterprise using E/R diagrams, and develop the conceptual model through normalization
3. Describe basic parts of the relational database model, the object-oriented model and file organizations
4. Create, modify and query databases using the SQL language
5. Describe the client-server model for databases and how relational databases can be used on the internet
6. Create an application using a database

Prerequisite: A "B" or better in CSE 1322/L, or IT 1113, or IT 1114/L.

Course Materials

There is NO required textbook for our course. All the materials are in D2L including content, slides and various links.

The following book is optional:

Modern Database Management, 12/E (or later editions) Jeffrey A. Hoffer, Fred McFadden
ISBN-12: 978-0133-544-619 Publisher: Pearson, Prentice Hall. Previous editions could also be used.

Minimum Technology Requirements: In order to complete this course the student must have access to the following technologies:

- A computing device - desktop, laptop, tablet or smart phone capable of:
 - accessing Internet-based content
 - displaying recorded video
 - playing recorded audio - with speakers or headphones
 - capturing your image and actions during exams - with a web camera (see RLDB & Respondus Monitor)
- Internet access of sufficient speed to download files
- Standard office productivity applications similar to MS Word, Excel & PowerPoint, and Adobe Reader
- Drawing tools to draw diagrams (Dia tool or Visio)
- SQL Server Database and SQL Database Management Studio

Technology support for KSU systems including D2L is available by emailing studenthelpdesk@kennesaw.edu or calling 770-499-3555. Please do not email D2L problems to your instructor. There are periods of scheduled maintenance for this system, as well as the possibility of periodic 'unscheduled outages'. It is up to the student to plan their schedules to provide sufficient time to deal with these outages.

Course Information

Important Dates and Delivery: This course utilizes the traditional face to face delivery method. The first day of our class is Tuesday, 1/10, the last day of class is Monday, 5/1, the last day to withdraw without academic penalty is Tuesday, 3/14.

Course Information: The PowerPoints slides, notes, discussion and assignments will be the basis for the modules and all tests. You will be required to complete individual Homework Assignments, Discussions, Quizzes/Exams, and Project. Assignments are posted on D2L and will be submitted in the appropriate assignment box. Assignments are due on Monday or as noted on the course schedule.

Evaluation and Grading Policies

| Deliverable Item | Individual | Weight in Grade |
|---|-------------------|------------------------------|
| 2 Tests and a final Exam | Individual | 15% each; 45% of final grade |
| 5 Labs (found in the Assignments tab in D2L) | Individual | 30% of final grade |
| 5 Discussions (found in the Discussions tab in D2L) | Individual | 2% each: 10% of final grade |
| 1 Project | Individual | 14% of final grade |
| 1 Syllabus quiz | Individual | 1% of final grade |
| Total | | 100% |

End of term grade evaluation is on a standard scale: A 90% - 100% B 80% - 89.9% C 70% - 79.9% D 60% - 69.9% F 59.9% or below.

All assignments will be graded for correctness and completeness. The instructor retains the right to subjectively adjust an individual student's grade in appropriate cases, based upon observed performance. All assignment submissions must be spell- and grammar-checked. Students failing to present the information completely, professionally written and in the prescribed format will receive minimal credit for their work. Students should double check their work before submitting assignments.

Course Policies

Attendance: Students are expected to attend each class session. Not attending class WILL NEGATIVELY IMPACT your grade! Students are responsible for knowing about announcements/assignments made in class, whether or not the student is present. Attendance is required for examination periods.

Late Work: All assignments will be submitted in the D2L Assignment. All assignments will be submitted in D2L by the due dates. Please **do not submit** any work via email. All due dates for activities are in Eastern Standard Time. Late assignments will be accepted with penalties until the Assignment Tool closes for that assignment and for an Assessment.

Assessment: The assignments will be graded on a progressive scale, so it's almost always possible to get most credit if you follow instructions, building your solution piecewise with verification testing. If the assignment is incomplete, it is still possible to receive partial credit. All assignments and assessments will be graded and have the grade posted within a week of the respective due date.

Communication: The University provides all KSU students with an "official" email account with the address "students.kennesaw.edu." As a result of federal laws protecting educational information and other data, this is the sole email account you should use to communicate with your instructor or other University officials. Professional communication is important in presenting yourself. You must use proper spelling, punctuation, grammar, etc. when communicating in your submissions and via email to me. Do not use texting shorthand when emailing me. I want to encourage your professional development, and I also don't have time to decipher cryptic emails that are not clearly written.

I will check my email at least once a day, not including weekends or holidays. During the week, I will respond to all emails within 24 hours. Over the weekend (starting Friday at 4 p.m.) I will respond to all emails within 48 hours. All assignments will be returned within 7 days unless otherwise indicated by the professor.

Religious Observance: I encourage students in promoting their spiritual health. Religiously observant students wishing to be absent on holidays that require missing class and/or exam should notify the instructor at least two weeks in advance and discuss acceptable ways of making up any work missed because of the absence. It is up to the student to be proactive and handle this early in the semester.

Make-up Policy: If a student must miss a test or final exam due to a documented, legitimate reason (illness with documentation, family death, etc.), then a make-up test/exam will be administered. To coordinate this, contact me as soon as possible. It is the responsibility of the student to coordinate this in a timely manner.

Excused Absences: The student is responsible for providing satisfactory evidence to the instructor to substantiate the reason for absence.

Respondus Lock Down Browser (RLDB) & the Respondus Monitor

This course requires the use of LockDown Browser and a webcam for syllabus quiz and exams. The webcam can be built into your computer or can be the type that plugs in with a USB cable. Student Guides for both the RLDB and the Respondus Monitor are available in D2L. Download and install LockDown Browser from the link provided when you click on the Syllabus Quiz.

To ensure LockDown Browser and the webcam are set up properly, do the following:

- Start LockDown Browser, log into D2L, and select this course.
- Locate and select the Help Center button on the LockDown Browser toolbar.
- Run the Webcam Check and, if necessary, resolve any issues.
- Run the System & Network Check. If a problem is indicated, see if a solution is provided in the Knowledge Base.
- Troubleshooting information can also be emailed to our institution's help desk.
- Exit the Help Center and locate the Syllabus quiz.
- Upon completing and submitting the Syllabus quiz, exit LockDown Browser.

Federal, State, KSU and BOR Policy Requirements Statements

Academic Integrity: Your integrity is of high value, don't risk it at this vital stage of your life. Academic dishonesty will follow you for the rest of your life and devalues the education of others. This is a serious matter and should be considered as such. For more details, see

https://curriculum.kennesaw.edu/resources/federal_bor_ksu_student_policies.php

KSU Disruption of Campus Life Policy: All students are responsible for knowing the information, policies and procedures outlined in the Kennesaw State University Codes of Conduct. For more details, see

https://curriculum.kennesaw.edu/resources/federal_bor_ksu_student_policies.php

KSU Web Accessibility Policy Statement: For more details, see

https://curriculum.kennesaw.edu/resources/federal_bor_ksu_student_policies.php

KSU Reasonable Accommodations Policy: Students with qualifying disabilities under the Americans with Disabilities Act (ADA) and/or Section 504 of the Rehabilitation Act who require "reasonable accommodation(s)" to complete the course may request those from Office of Student Disability Services. For more details, see

https://curriculum.kennesaw.edu/resources/federal_bor_ksu_student_policies.php

KSU Enrollment Management/Course Attendance Policy: Students are solely responsible for managing their enrollment status in a class; nonattendance does not constitute a withdrawal.

KSU Military Withdrawals Policy: Kennesaw State students who are called to active duty or who are deployed during the term may be eligible for a military withdrawal. For more details, see

https://curriculum.kennesaw.edu/resources/federal_bor_ksu_student_policies.php

Copyright Law: It is the responsibility KSU faculty and students to respect the rights of copyright holders and complying with copyright law. For more details, see
https://curriculum.kennesaw.edu/resources/federal_bor_ksu_student_policies.php

Protecting Students' Privacy (FERPA): Students have certain rights to privacy. These rights are mandated by federal policy. For more details, see
https://curriculum.kennesaw.edu/resources/federal_bor_ksu_student_policies.php

KSU Sexual Misconduct Policy: KSU does not condone and will not tolerate sexual misconduct or sexually exploitative or harassing behavior of any kind. For more details, see https://curriculum.kennesaw.edu/resources/federal_bor_ksu_student_policies.php

KSU Course Withdrawal Policy: Students may withdraw from one or more courses any time before the last week of the semester. For more details, see
https://curriculum.kennesaw.edu/resources/federal_bor_ksu_student_policies.php

Netiquette: Communication Courtesy: All members of the class are expected to follow [rules of common courtesy in all email messages](#), threaded discussions and chats.

Inclement Weather Policy: During the course of the year, Kennesaw State University may decide to close campus or operate on a delayed schedule in cases of inclement weather. For more details, see
https://curriculum.kennesaw.edu/resources/federal_bor_ksu_student_policies.php