

BCIS 4620 – INTRODUCTION TO DATABASE APPLICATIONS

Course Syllabus

CLASS TERM:	Spring 2026
CLASS TIME:	Tuesday 6:30 – 9:20 PM
CLASSROOM:	BLB 155
INSTRUCTOR:	Dr. James Parrish
E-MAIL:	james.parrish@unt.edu
OFFICE:	BLB 319B
OFFICE HOURS:	Posted to Canvas. Also by appointment (send me an email with UNTP number in the subject line.)

COURSE PREREQUISITES:

A grade of "C" or better in each previously taken ITDS course or consent of the Department. UNT GPA of 2.70 or higher. BCIS 3610 and BCIS 3630 or BCIS 3620.

COURSE OBJECTIVES:

BCIS 4620 is an introduction to database and database management technology within the framework of a business environment. It includes the study of the analysis, design, development, and implementation of database-oriented business applications. Upon completion of the course the student will be able to define, load, and navigate a database system [Microsoft SQL Server] using SQL query language. Students will also learn to use an Entity-Relationship data modeling tool.

TEXTBOOKS AND OTHER MATERIALS

- Database Systems: Design, Implementation, and Management, 13th Ed., by C. Coronel and S. Morris
- Other materials posted on Canvas (Their contents may be in your exam)

CLASS CANVAS SITE:

The course utilizes Canvas (<https://canvas.unt.edu>) for communication between the instructor and students and among students. It is the students' responsibility to check the course site regularly for the latest announcements and assignments as well as your grades.

TUTORS:

Specialized tutorial assistance will be provided for students registered in this class. The location, date, and times for this service will be announced in class and on Canvas. The tutor's primary responsibility is debugging assistance. Each student is responsible for the successful completion of all assignments. The tutor is NOT responsible for incorrect interpretations of assignment instructions. The tutor is NOT to do the assignments for you.

ASSIGNMENTS:

All assignments are designed to provide an environment to practice and refine your programming development and debugging skills. As such, they require application of **all** programming and system knowledge gained in the previous courses. From experience with previous students, these assignments are extremely difficult to complete with any level of proficiency if started late and rushed. As assignments, they are an integral part of the learning process required to master course material. Assignments should be started AS SOON AS POSSIBLE,

AND FINISHED BEFORE THEY ARE DUE. Exams will cover material from lectures, reading assignments, and skills learned from the computer assignments. Failure to complete an assignment will be detrimental to your grade on the project as well as on the quiz.

QUIZZES

Quizzes are here to support your mastery of the material and to help you prepare for exams. There are two types of quizzes. Chapter Quizzes are graded, and you will have only one attempt to complete them. Practice quizzes are ungraded, and you have unlimited attempts.

EXAMS

You will have a mid-term and a final exam. The exams are not cumulative, multiple-choice, and will consist of questions from the practice exams.

CLASS SCHEDULE – TENTATIVE

Course schedule is posted on Canvas.

GRADING

Point Distribution

Activity	Points
Exam 1	200
Exam 2	200
Assignment 1	100
Assignment 2	100
Assignment 3	100
Assignment 4	100
Quizzes (8@15)	120
Total	920

Grading Scale

Percent	Grade
90.0 – 100 %	A
80.0 – 89.9 %	B
70.0 – 79.9 %	C
60.0 – 69.9 %	D
Less than 60 %	F

ASSIGNMENT AND EXAM POLICY:

1. You should complete all reading assignments prior to class. Written assignments are due at the Time posted to canvas. Late assignments will be accepted for a period time after the due date, but with a substantial penalty (see the late submission section on Canvas).
2. If you know **beforehand** you will miss an exam, it is your responsibility to discuss with the instructor in advance and arrange to take the exam **earlier**. If you already miss an exam, the missed exam will automatically receive a grade of 0.

ATTENDANCE AND PARTICIPATION

Research has shown that students who attend class are more likely to be successful. You should attend every class unless you have a university excused absence such as active military service, a religious holy day, or an official university function as stated in the [Student Attendance and Authorized Absences Policy \(PDF\)](https://policy.unt.edu/policy/06-039) (<https://policy.unt.edu/policy/06-039>). If you cannot attend a class due to an emergency, please let me know. Your safety and well-being are important to me.

CODE OF CONDUCT AND ETHICS:

Consult the University of North Texas *Student Handbook* (www.unt.edu/student/code.htm) for guidelines and policies regarding student academic conduct.

Scholastic integrity *must* be exhibited in your academic work, conduct, and methods. Course work for which you receive an individual grade *must* be your original, individual effort. If any evidence of copying, cheating, or any other form of academic dishonesty on all or part of any of your graded course work, you (and any others involved) will be given a zero for that work. A second incident will result in a grade of F in this course and a recommendation for further action by the Dean of Students.

STUDENTS WITH DISABILITIES:

The University of North Texas makes reasonable accommodations for students with disabilities. To request accommodations, you must first register with the Office of Disability Access (ODA) by completing an application for services and providing documentation to verify your eligibility each semester. Once your eligibility is confirmed, you may request your letter of accommodation. ODA will then email your faculty a letter of reasonable accommodation, initiating a private discussion about your specific needs in the course.

You can request accommodations at any time, but it's important to provide ODA notice to your faculty as early as possible in the semester to avoid delays in implementation. Keep in mind that you must obtain a new letter of accommodation for each semester and meet with each faculty member before accommodations can be implemented in each class. You are strongly encouraged to meet with faculty regarding your accommodations during office hours or by appointment. Faculty have the authority to ask you to discuss your letter during their designated office hours to protect your privacy. For more information and to access resources that can support your needs, refer to the [Office of Disability Access](https://studentaffairs.unt.edu/office-disability-access) website (<https://studentaffairs.unt.edu/office-disability-access>).

The instructor reserves the right to make any revision to the Syllabus during the semester.