Course Description
Database development using database programming techniques emphasizing database structures, modeling, and database access. Develop database applications using a structured query language; create queries and reports from database tables; implement data integrity; optimize query performance; create and maintain indexes; and create appropriate documentation. Course Participation
For Online and Hybrid classes, students MUST actively participate by completing an academic assignment by the official census date. Students who do not do so, will be dropped from the course.

Text, References and Supplies
Should you choose to purchase your textbooks somewhere other than the college bookstore you should always check with the instructor first to make sure that there has not been a change in books and that you are purchasing the complete package used for the course.

Student Learning Outcomes (SLO) and Core Competencies
Students who successfully complete this course will be able to:

- SLO1 Develop database applications using a structured query language
- SLO2 Create queries and reports from database tables
- SLO3 Implement data integrity
- SLO4 Optimize query performance
- SLO5 Create and maintain indexes
- SLO6 Create appropriate documentation
- SLO7 Demonstrate knowledge of database vocabulary and terms

Student Contributions
Students are encouraged to contact the instructor at any time. If you need to meet with the instructor, you will need to make an appoint to guarantee the instructor’s availability at a specific time.

Students will be expected to exhibit professional behavior in class. With regard to cell phone use, keep it on silent and do not take calls unless it is an emergency.

Students are expected to attend class, for online that means logging in to Canvas regularly and completing assignment.
Policy Information

Students MUST log in and actively participate by completing academic assignments required by the instructor by the official census date. Students who log in but do not actively participate in an academically-related activity will be reported as Never Attended and dropped from the course.

This will be an in-depth, fast-paced course. It is important that you complete the assignments before the due dates. Late work will not be accepted. There will be no exceptions to this policy.

Should you find that you are unable to complete the course, it is necessary for you to contact the Office of Student Services at Midland College and officially drop the class; otherwise a grade of “F” will be given for the semester grade. The policy for student withdrawals is stated in the Student Handbook in the Student Rights, Responsibilities & Due Process section.

Students with Disabilities

Midland College provides services for students with disabilities through Student Services. In order to receive accommodations, students must place documentation on file with the Counselor/Disability Specialist. Students with disabilities should notify Midland College prior to the beginning of each semester.

Student Services will provide each student with a letter outlining any reasonable accommodations. The student must present the letter to the instructor at the beginning of the semester.

Scholastic Dishonesty

Midland College does not tolerate scholastic dishonesty or academic misconduct in any form. Please read the MC Student Handbook on this subject. Full information about Midland College policy can be found at Scholastic Dishonesty and Academic Misconduct.

Grading/Evaluation of student

Your final grade will be calculated as follows:

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Grade</th>
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<tbody>
<tr>
<td>90% - 100%</td>
<td>A</td>
</tr>
<tr>
<td>80% - 89%</td>
<td>B</td>
</tr>
<tr>
<td>70% - 79%</td>
<td>C</td>
</tr>
<tr>
<td>60% - 69%</td>
<td>D</td>
</tr>
<tr>
<td>Below 60%</td>
<td>F</td>
</tr>
</tbody>
</table>

Grading Formula:

10% - Pre-Class Assignments
40% - Lab Assignments
20% - Homework Assignments
30% - Exams

Course Schedule

Posted in Canvas
**Instructor Information**

Contact Information: Posted in Canvas  
Office Hours: Posted in Canvas

**Division Information**

**Applied Technology Division**

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
<th>Office</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Division Dean</td>
<td>Curt Pervier</td>
<td>TC 143</td>
<td>432-685-4677</td>
</tr>
<tr>
<td>Department Chair</td>
<td>Heather Sanders</td>
<td>TC 109</td>
<td>432-686-4821</td>
</tr>
<tr>
<td>Division Secretary</td>
<td>Lisa Hays</td>
<td>TC 143</td>
<td>432-685-4676</td>
</tr>
<tr>
<td>Division Clerk</td>
<td>Helen Arrieta</td>
<td>TC 143</td>
<td>432-685-4664</td>
</tr>
<tr>
<td>Division Advisor</td>
<td>Dawn Finley</td>
<td>ATC 130</td>
<td>432-681-6310</td>
</tr>
<tr>
<td>Division Fax</td>
<td></td>
<td></td>
<td>432-685-4672</td>
</tr>
</tbody>
</table>

Midland College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. The following individuals have been designated to handle inquiries regarding the non-discrimination policies: Tana Baker, Title IX Coordinator/Compliance Officer, 3600 N. Garfield, SSC 242, Midland, TX 79705, (432) 685-4781, tbaker@midland.edu; Natasha Morgan, Director Human Resources/Payroll, 3600 N. Garfield, PAD 104, Midland, TX 79705, (432) 685-4534, nmorgan@midland.edu. For further information on notice of non-discrimination, visit [http://wdcrobcolp01.ed.gov/CFAPPS/OCR/contactus.cfm](http://wdcrobcolp01.ed.gov/CFAPPS/OCR/contactus.cfm) or call 1 (800) 421-3481.

**Spanish**

Midland College no discrimina por motivos de raza, color, nacionalidad, sexo, discapacidad, o edad en sus programas o actividades. Las siguientes personas han sido designadas para responder a cualquier pregunta o duda sobre estas políticas no discriminatorias: Tana Baker, Title IX Coordinator/Compliance Officer, 3600 N. Garfield, SSC 242, Midland, TX 79705, (432) 685-4781, tbaker@midland.edu; Natasha Morgan, Director Human Resources/Payroll, 3600 N. Garfield, PAD 104, Midland, TX 79705, (432) 685-4534, nmorgan@midland.edu. Para más información sobre estas políticas no discriminatorias, visite [http://wdcrobcolp01.ed.gov/CFAPPS/OCR/contactus.cfm](http://wdcrobcolp01.ed.gov/CFAPPS/OCR/contactus.cfm) o llame al 1 (800) 421-3481.