


College of Southern Nevada
Course Syllabus
CIT180-1001
Spring 2020 – 1/21/20 – 5/17/2020

A. Course Information	CIT180 - Basic principles of data modeling and relational database design. Hands-on learning of Structured Query Language (SQL). Prerequisite: IS 115 or equivalent programming experience or instructor permission. This course covers the Oracle Database management system.
B. Course meeting time/days/location	Online
C. Instructor Information	Name: Naser E. Heravi Phone: (702) 651-3148 Office Hours/Location: Tuesdays – 12:30 pm - 2:00 pm, West Charleston, room C114 Wednesdays – 1:30 pm – 5:00 pm, Henderson campus, room 201B Google Voice number (talk & text) 702-763-1940 Email: Canvas Learning system – Alternate: naser.heravi@csn.edu Web site: http://bellagio.csn.edu/~nheravi/courses/ Office Mailbox code: HNC201
D. Learning Outcomes	By the end of this course, a student will be able to: <ol style="list-style-type: none"> 1. Explain the fundamental concepts of relational database design. 2. Illustrate the structure of a database with diagramming software. 3. Demonstrate normalization of data tables. 4. Use a database management system's tools to communicate with the database and to issue commands. 5. Use SQL commands to create tables and to insert, update and delete table data. 6. Code SQL queries to extract information from databases. 7. Create an SQL-based information system that will satisfy the requirements of a case study.
E. Textbook	REQUIRED – We'll be using an eBook for this course. All the details will be provided on the first day of class.
F. Late Work policy	I do not accept late assignments, nor do I provide makeup assignments. You are responsible for your own Internet connection when working remotely. Work ahead if you know you are going to have conflicts or time constraints. Please schedule yourself

	accordingly. There are NO MAKEUP exams or quizzes.																								
G. Method of Evaluation	<p>Grades are based on exams and projects throughout the semester. All assignments will be submitted via the Canvas assignment dropbox. Detailed instructions will be provided in the text of the requirements for each of the assignments. If the Canvas email system fails and you must use a different system to submit your assignments, send your assignments files to my alternate email address. All exams are delivered through the Canvas system. All exams will have strict time limits and detailed information will be provided at least a week before the date of the exam.</p>																								
H. Grade determination	<p>Your grade is based 2 exams, chapter quizzes, and homework assignments. Midterm Exam - 20% Final Exam - 20% Chapter quizzes - 10% Assignments - 50%</p> <p>All exams may include True/False, Multiple-choice, short answers, and essay type questions. Full details will be provided a week before the start of an exam. The following is how letter grades are assigned based on total percentages of assignments and exams.</p> <p>NOTE: We may use material from the Oracle Academy, also referred to as Oracle iLearning material. Detailed instructions to access this resource is included in Canvas.</p> <table border="1" data-bbox="639 1102 1235 1520"> <tr> <td>100 - 94</td> <td>A</td> <td>70 - < 77</td> <td>C</td> </tr> <tr> <td>90 - < 94</td> <td>A-</td> <td>60 - < 70</td> <td>D</td> </tr> <tr> <td>87 - < 90</td> <td>B+</td> <td>< 60</td> <td>F</td> </tr> <tr> <td>84 - < 87</td> <td>B</td> <td></td> <td></td> </tr> <tr> <td>80 - < 84</td> <td>B-</td> <td></td> <td></td> </tr> <tr> <td>77 - < 80</td> <td>C+</td> <td></td> <td></td> </tr> </table>	100 - 94	A	70 - < 77	C	90 - < 94	A-	60 - < 70	D	87 - < 90	B+	< 60	F	84 - < 87	B			80 - < 84	B-			77 - < 80	C+		
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I. Attendance Policy	<p>College assumes maturity, seriousness of purpose, and self-discipline for meeting the responsibilities associated with each course. If you will need the instructor to sign documents testifying about your attendance, YOU must come to the instructor after each class you attend to let her know you were there. Class participation is a strong aspect of this course and your participation is always encouraged.</p>																								
J. Academic Integrity	<p>CSN demands a high level of academic behavior. Acts of academic dishonesty including plagiarism and cheating are regarded as very serious offenses.</p>																								

	<p>Cheating will not be tolerated. If any duplicated work is submitted, all parties will receive 0 points for the assignment. On a second offense, the student will receive a grade of F for the course and may be subject to expulsion from school. You SHOULD NOT attempt to pay anyone to complete your work. You SHOULD NOT consult any web sites that provide answers to assignments. This is a serious offense leading to immediate expulsion from the course and possibly from the college.</p> <p>Scholastic dishonesty will not be tolerated. You are expected to have read and understood the CSN Academic Integrity Policy may be found at: http://archive.csn.edu/sites/default/files/u12821/academic-integrity-policy.pdf</p>
<p>K. Disability Resource Center</p>	<p>If you have a documented disability that may require assistance, you will need to contact the Disability Resource Center (DRC) for coordination of your academic accommodations. The DRC is located in Student Services on each major campus. More information about the CSN DRC please visit: http://www.csn.edu/pages/544.asp For more CSN Americans with Disabilities Act (ADA) information please visit: http://www.csn.edu/pages/2566.asp</p>
<p>L. Disclaimer</p>	<p>This syllabus is subject to change with advance notice. Notices will be posted in the online forum. It is your responsibility to stay informed.</p>
<p>M. Tentative schedule</p>	<p>Schedule offered in Canvas on a timely basis.</p>
<p>N. Student Rights & Responsibilities</p>	<p>It is your responsibility to be aware of your rights and responsibilities. This information is located in the General Catalog and Student Handbook, which can be found on the CSN Catalog/Schedule/Calendar web page: https://www.csn.edu/sites/default/files/u2241/studentrightsrespsection.pdf</p>
<p>O. College Library Services</p>	<p>The Library offers a wealth of resources to help you with your research projects. There are libraries at each of the main campuses and an extensive collection of resources available from the Library's Homepage: library.csn.edu A note from your library: The library holds many workshops such as "College Library Services offers ongoing research workshops throughout the semester. Bring your topic or assignment to one of The workshops on the basics of locating and citing quality information and receive in depth assistance with a librarian. Check out the schedule at http://csn.libcal.com/calendar/events/ or call 651-5729 for more information."</p>
<p>P. References</p>	<p>Safari Tech Books available through the library offer an excellent source of supplemental resources that you may use for this course.</p>

	To find Safari Books Online, go to the library's web site at: library.csn.edu Click the Databases button. In the A-Z Databases page that appears, click S to filter. The link to Safari Books Online should be at or near the top of the list.
Q. Required extra- or co-curricular activities	All activities are based on projects and exams assigned throughout the course. Any required extra activities will be clearly explained in class.
R. Safety	This class does not have an experiment lab and therefore we will not be concerned about following specific safety strategies.
S. Additional fees	There are no additional fees for this course.
T. Additional Information	
CSN Student email	All students enrolled at CSN have a CSN Student Email account. Beginning February 1, 2020, all information from the college will be sent to your CSN-issued student email address (enrollment information, financial aid information, cashier information, college events, etc.). It is extremely important that you check your student email daily. You can access your student email through GoCSN (go.csn.edu). Once you validate your student email address you will have access to Microsoft Office 365 for up to five devices and 1TB of OneDrive storage. www.csn.edu/email
Important Note	If you have any concerns about this course and/or me, please contact me first. If I cannot resolve your issue, please contact Arlene Menezes in the CIT Department Office at 702-651-5976. You will be directed to the appropriate Program Director or the Department Chair. You will remain anonymous, if possible, and all communications will be strictly confidential. Please DO NOT wait until the last minute to make your concerns known to me and/or to the CIT Department.
Software requirements	The Canvas Learning Management system can be run on most popular web browsers such as Internet Explorer, FireFox, Safari, etc. Canvas runs on Windows, Mac, Linux, iOS, Android, or any other device with a modern web browser. For more information, see http://guides.instructure.com/s/2204/m/4214/l/41056-which-browsers-does-canvas-support *** Installing Oracle software is optional and the process will be discussed in class. We will use an online Oracle application that does not require software installation.
	Printing @ CSN: Printing in CSN classrooms, computer labs and libraries falls under the new Print Wise initiative, designed to help save natural and fiscal resources. Print Wise provides each CSN student with a \$10 credit toward printing at the start of each semester, which will provide for up to 200 black and white copies at 5¢ a page, or 40 color copies at 25¢ a page. After that, you may put money into your account online or at the CSN Cashier's Office to purchase additional prints at the same rate. It is your

	<p>responsibility to maintain your printing accounts to cover printing expenses during each semester. More information about the Print Wise system may be found at www.csn.edu/printwise.</p>
<p>Advising & Coaching Services:</p>	<p>Advisor/Success Coaches help students assess academic strengths and limitations, learn academic success strategies, explore careers, declare a major, navigate the educational system, access campus and community resources, and connect to campus life. The department also manages the CSN Faculty E-Alert System assisting instructional staff by working with students on strategies and interventions that lead to successful course completion.</p> <p>Charleston Campus Bldg. D – Student Services Area 651-7367 Cheyenne Campus 1100 Student Services Area 651-2626 Henderson Campus Bldg. B – Room 120 651-3103</p>
<p>Counseling</p>	<p>Academic Counseling: If you are a new student or have not declared your major, you will meet with a CSN success coach for all your advising needs, including course planning and career exploration services. Success coaches are located in student services areas and their contact information is available at https://www.csn.edu/advising</p> <p>Students with DECLARED majors go to https://www.csn.edu/academic-counseling for instructions for scheduling an appointment with an academic counselor.</p>
<p>Additional Notes</p>	<p>My responsibilities:</p> <ol style="list-style-type: none"> 1. I will reply to your e-mail messages within one day. Replying to phone calls may take at most two days. 2. I will make sure to accommodate all your learning needs and will answer your questions in a timely manner. 3. I will try my best to resolve any issues. 4. I will return feedback and your grade on assignments within one week of the due date. <p>Your responsibilities:</p> <ol style="list-style-type: none"> 1. Stay active in classroom discussions and activities. Let me know if you find any discrepancies in the syllabus, course material, or activity due dates, as soon as possible. 2. Watch the deadlines for exams and ask questions. 3. Do the best you can in the class and don't hesitate to ask for help. 4. You will review my feedback on your assignments and will let me know of any questions or concerns as soon as possible.
<p>Withdrawal Policy - IMPORTANT DATES</p>	<p>IMPORTANT – I will NOT grant a W (withdrawal) once the official college deadline has passed. Please DO NOT ASK! Look at the section “Withdrawal Policy – IMPORTANT DATES for more information.</p>

	<p>For official withdrawal dates and other IMPORTANT college dates, look at the online schedule at: https://www.csn.edu/semester-calendar-dates</p> <p>You are strongly encouraged to discuss your decisions with an academic counselor, academic adviser or success coach AND Student Financial Services, because these decisions may affect your financial aid and Satisfactory Academic Progress. Any such students receiving financial aid may find their awards reduced.</p> <p>January 23 - Last day for 100% refund February 3 - Last day for 50% refund February 3 - Last Day to Drop a Class WITHOUT a Grade of W March 27 - Last Day to Officially Change from Credit to Audit March 27 - Last Day to Drop a Class WITH a Grade of W April 6 – April 12 – Spring break – class is not in session May 20 - Grades are Due from Instructors</p>
<p>CLASS POLICIES</p>	<p>This is an online section without any classroom meetings. All exams will be taken online administered through the Canvas system. All the course material is available online in Canvas. While the design of this course allows flexibility in your scheduling, please realize that the deadlines are just as strict as any other course. You should check the calendar and discussion postings daily and allocate your time accordingly to complete the readings and to be prepared for the exams. Due dates will be strictly adhered to. You will use the mail and discussion features of Canvas to contact me or ask questions.</p> <p>A note on the online environment: To stay on task, I release chapter material and assignments on a timely basis. Exams can only be taken during the scheduled period. If you like to get material earlier than the rest of the class, send me an e-mail message and I will give you access to the material. The links to assignments and exams will disappear after their respective due dates. Some students have complained that some links disappear from time to time. This is most likely due to system issues or incommutability with your web browser. Please send an e-mail message informing me about any links that have disappeared from your view.</p> <p>Online sections offer flexibility where you need to manage your time to achieve success. I will assign programming projects that will be graded, and you will have to take exams by specified due dates. It is extremely simple to ignore due dates and fall behind which I hope we can seriously avoid!</p> <p>This is a single person class; meaning that you must turn in your own work. You are not allowed to collaborate or consult with</p>

	<p>anyone else while working on an exam. You are not allowed to collaborate on completing assignments. You should not be looking at each other's code for assignments. You can freely discuss items in the general sense. Cheating in any form will not be tolerated.</p> <p>Finally, Internet access is your responsibility. This class can be accessed from any computer with Internet access anywhere in the world. Therefore, excuses such as "My computer is not working" or "My provider was down" are not acceptable. If you find yourself in a real jam, you may drive to any CSN site and use one of the computers in the CSN open computer labs. Of course, if there is a computer problem originating from CSN, then I will take corrective action. But in all other instances, it is your responsibility to ensure your own Internet access.</p>
<p>Software Lab</p>	<p>The software lab will open on January 27, 2020. For location/date/time information, please visit https://at.csn.edu/cit-information Click on Networking and Software Lab Hours</p> <p>You can drop in as you wish without making an appointment. Please remember that the software lab (dedicated rooms at West Charleston, Henderson, and North Las Vegas campuses) is separate from the OPEN computer labs at all CSN locations. The OPEN computer labs provide access to general software and the lab monitors at the OPEN labs will not be able to answer any programming-related questions. Software lab monitors can assist with understanding of key concepts covered in your classes. A lab monitor may not be able to answer all questions, but he/she can refer you to external resources or to your instructor for additional help. A lab monitor cannot provide direct assistance with work related to assignments. Alert the lab monitor if your questions are specific to your homework assignments.</p> <p>The CSN's Center for Academic Success provides tutorial help. USE THEM! You can find all relevant information at www.csn.edu/pages/1902.asp</p>
<p>Centers for Academic Success (CAS)</p>	<p>Centers for Academic Success (CAS) provides quality DROP-IN academic assistance to all students enrolled in for-credit courses at CSN. Tutors are available for most general education courses and historically challenging courses. Academic learning support includes assistance with learning strategies, Canvas, Smarthinking online tutoring, Microsoft Office, reading, writing, oral presentations, math, and science. CAS tutors also provide support to study groups and assistance for placement test preparation in reading, writing, and math.</p> <p>CAS is open Monday through Sunday to be more accessible to all</p>

	students. Hours for all locations are: Monday – Thursday 9:00 am to 6:00 pm and Friday – Sunday 11:00 am to 4:00 pm. You may visit www.csn.edu/centers-academic-success for more details on locations and hours. You may also contact us at one of our offices: Charleston Centers (7020-651-5732), North Las Vegas Learning Commons (702-651-4232), Henderson Learning Commons (702-651-3125).
EXCESS CREDIT FEE INFORMATION	Please visit https://www.csn.edu/excess-credit-information for information about the excess credit fee applied in certain circumstances.
TITLE IX Resources	More information is available at https://www.csn.edu/institutional-equity
U. Objectionable materials	This class will use a discussion forum. Please refrain from posting any objectionable or private information in these forums. If such information is posted, I will try to immediately delete your post. Failure to comply with this policy may also lead to dismissal from the class and referral to college administration for further actions.

We will have assignments due on a regular basis. The due date for each assignment will be announced in Canvas and all assignments are delivered and submitted through Canvas. You must be diligent in checking due dates for assignments.

Additional NOTES:

Exams can only be taken during the specified dates.

Assignments – 50%
Chapter quizzes – 10%
Midterm Exam – 20%
Final Exam – 20%

Here is a formula for how your final grade is calculated:

(The average of homework assignments * .5 + The average of chapter quizzes * .1 + midterm exam * 0.2 + final exam * 0.2)

So, if Joe’s average on homework assignments is 80, he earns an average of 85 for chapter quizzes, 75 points on exam1, and 80 points on exam 2, what is his total score? What is his overall course grade?

Answer: $(80 * .5 + 85 * .1 + 75 * .2 + 80 * .2) = 79.5$
Letter grade: C+

The CANVAS system’s grade book will allow you to track your grade for each item.

Spring 2020 – A tentative schedule

This schedule is subject to change with advanced notice

Week	Topics	Tentative Assignments & Exams due dates – SUBJECT to CHANGE
1 1/21 – 1/26	<ul style="list-style-type: none"> ✓ Syllabus and Introduction ✓ Getting to know the online environment ✓ Getting to know the eBook – Purchasing the textbook 	
2 1/27 – 2/2	<ul style="list-style-type: none"> ✓ Chapter 1: Databases For An Information Rich, Connected World 	Assignment 1 – Syllabus Quiz Due: 1/28
3 2/3 – 2/9	<ul style="list-style-type: none"> ✓ Chapter 3: The Relational Data Model - Normalization 	Assignment 2 – Chapter 1 Due: 2/4
4 2/10 – 2/16	<ul style="list-style-type: none"> ✓ Chapter 3: The Relational Data Model - Normalization 	
5 2/17 – 2/23	<ul style="list-style-type: none"> ✓ Chapter 3: The Relational Data Model - Normalization ✓ Chapter 4: Principles of Conceptual Database Design - ERD 	Assignment 3 – Chapters 1&3 Due: 2/18
6 2/24 – 3/1	<ul style="list-style-type: none"> ✓ Chapter 4: Principles of Conceptual Database Design- ERD 	
7 3/2 – 3/8	<ul style="list-style-type: none"> ✓ Chapter 4: Principles of Conceptual Database Design- ERD 	Midterm Exam – Taken between 3/4 and 3/11 – Covers Chapters 1 and 3 Assignment 4 - Chapter 4 Due: 3/3
8 3/9 – 3/15	<ul style="list-style-type: none"> ✓ Chapter 2: Introduction to SQL ✓ Oracle SQL environment – SQL*Plus – Application Express ✓ Downloading and installing Oracle (OPTIONAL) 	
9 3/16 – 3/22	<ul style="list-style-type: none"> ✓ Chapter 5: From Conceptual Design to Relational Implementation – Types of relationships 	Assignment 5 - Chapter 2 Due: 3/17
10 3/23 – 3/29	<ul style="list-style-type: none"> ✓ Chapter 5: From Conceptual Design to Relational Implementation – Types of relationships 	
11 3/30 – 4/5	<ul style="list-style-type: none"> ✓ Chapter 6: Advanced Data Manipulation With SQL 	Assignment 6 - Chapter 5 Due: 3/31
12 4/6 – 4/12	<ul style="list-style-type: none"> ✓ SPRING BREAK - No class work this week 	

13 4/13 – 4/19	✓ Chapter 6: Advanced Data Manipulation With SQL	
14 4/20 – 4/26	✓ Chapter 7: Data and Database Administration	Assignment 7 - Chapter 6 Due: 4/21
15 4/27 – 5/3	✓ Chapter 7: Data and Database Administration ✓ Chapter 8: Database Applications in a Global World	
16 5/4 – 5/10	✓ Chapter 8: Database Applications in a Global World	Assignment 8 - Chapters 7&8 Due: 5/5
17 5/11 – 5/16	✓ Final Exam - comprehensive	Final Exam - Comprehensive exam covering all chapters concentrating on material covered after Midterm Exam. Taken one time between 5/11 and 5/15