

CIS119DP – Section 24898 – Spring 2009
Oracle: Database Administration
Chandler-Gilbert Community College
Pecos Campus Building C Room C102
January 21, 2009 to May 13, 2009
Wednesday, 7:10 P.M. – 9:50 P.M.

SYLLABUS

Instructor: Phillip Jalowiec
phillip@jalowiec.org
Work Phone: (602) 953-9400
Cell Phone: (602) 621-0659
<http://employeeweb.cgc.maricopa.edu/j/al/jalowiec/cis119dp>
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Texts: Oracle 10G Database Administrator: Implementation & Administration, Gavin Powell and Carol McCullough-Dieter, 2007, Course Technology, ISBN-13: 978-1-4188-3665-8
Oracle Database 10g: Administration Workshop I Release 2 Student Guide
Oracle Corporation, D17090GC30, Edition 3.0, November 2005, D22680
Software: Oracle 10g Database Enterprise Edition, VMware Player, Virtual PC 2007
Hardware: USB 2.0 Compatible Portable Hard Disk with 60GB or more.

COURSE DESCRIPTION

Basic administrative tasks performed by a database administrator (DBA). Conceptual understanding and hands-on applications of the Oracle database architecture and interaction of its components. Prerequisites: (CIS119DO, and CIS164AB), or CIS126++, or permission of instructor.

COURSE COMPETENCIES

1. Startup and shutdown an Oracle instance and database.
2. Create a database.
3. Manage logical and physical database storage.
4. Manage users and their privileges.
5. Use Globalization Support Features

COURSE WORK

Weekly course work includes reading, class lecture review, and lab work.

Tests include quizzes and four tests.

Labs are a primary class activity of the class giving the opportunity to engage in guided, group and independent hands-on installation, administration and use of the software.

<u>GRADING</u>	<u>Points</u>	<u>Activity</u>	<u>Grade</u>	<u>Total Points</u>
	680	Tests	A	1300-1600
	280	Labs	B	1150-1299
	310	Quizzes	C	1000-1149
	160	Attendance	D	850-999
	120	Assessment	F	0-849
	<u>50</u>	Surveys		
	1600			

Activity performance information will available through Blackboard.

CLASS PROCEDURES

Each class consists of questions, lecture, demonstration, and hands-on lab work. The student is responsible for reading, review and additional lab work outside of class to complete assignments and prepare for tests.

Reading should be completed prior to the class period in which the material will be covered.

Quizzes must be completed prior to the class period in which the material will be covered. Prior to the deadline, quizzes may be repeated to achieve proficiency and grade objectives. Late submissions will not be accepted.

Tests will consist of selected questions directly related to the assigned text or lecture in lieu of text. If you must miss a test, you must contact the instructor before the test or you will not be eligible for a make-up test. Reasonable arrangements will be made for a substitute time and place to take a substitute test.

Labs are performed in a virtualized environment and each student is responsible for maintaining current and operational virtual images of their class work and must be ready to demonstrate the state of their working environment on short notice.

Assessment of information gathering and summarization skills beyond the course material will be done based on an approved topic project as detailed in the Information Literacy Assessment document.

Attendance will be taken and is a direct part of your grade as specified above and will affect your ability to complete course work in a proper and timely manner.

Withdrawals are subject to current college policy and are the responsibility of the student. The instructor may initiate student class withdrawal after two unexcused absences or two unexcused failures to submit assignments.

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Recording of classes is not permitted.

Students are subject to and must comply with **college policies** found in the **College Catalog** and **Student Handbook**.

COURSE OUTLINE AND ASSIGNMENTS

WK	DATE	TOPIC(s)	READING	PTS	ASSIGNMENT
1	01/21	Introduction, Survey Architecture Overview Virtual Machines, Installation	T01:1-30 W01	20	Survey 30 Pgs OLQ 24 Pgs OLQ
2	01/28	Architecture and Tools Create Instance, Reinstallation	T02:35-81 T03:87-130		47 Pgs OLQ 44 Pgs OLQ
3	02/04	Physical Architecture and Data Dictionary Views	T04:137-189		53 Pgs OLQ
4	02/11	Storage Concepts Test Review	T05:199-245 W05, W09		47 Pgs OLQ 30+18 Pgs
5	02/18	Test: Ch: 1-5 Querying	T06:251-287	200 50	Lab Audit 37 Pgs OLQ
6	02/25	Table Management	T07:291-347		57 Pgs OLQ
7	03/04	Advanced Table Management	T08:357-387		31 Pgs OLQ
8	03/11	Constraints, Indexes, Objects Test Review	T09:395-451 W07, W08		57 Pgs OLQ 49+34 Pgs
9	03/18	Spring Break: No Class			
10	03/25	Test: Ch: 6-9 Data Management	T10:465-482 T11:485-512	160 100	Lab Audit 18 Pgs OLQ 28 Pgs OLQ ILA Topic Due
11	04/01	Data Management (continued) Security Management Test Review	W18 T12:515-586 W10		35 Pgs 72 Pgs OLQ 30 Pgs
12	04/08	No Class			
13	04/15	Test: Ch: 10-12 Performance Monitoring	T13:601-631 W13	160 72	Lab Audit 31 Pgs OLQ 28 Pgs
14	04/22	Proactive Maintenance	T14:635-673 W12		39 Pgs OLQ 32 Pgs
15	04/29	Backup & Recovery	T15:677-706 W14, W15		30 Pgs OLQ 28+21 Pgs
16	05/06	Backup & Recovery (continued) Test Review	W16, W17	120	13+30 Pgs ILA Due
17	05/13	Test: Ch: 13-15		160 58 30	Lab Audit Evaluations

*OLQ=Online Quiz *ILA=Information Literacy Assessment *T=Course Tech Book, *W=Workshop Text



This syllabus is subject to change and any changes will be announced in class.

Revised 12Feb09

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Statement Regarding Internet and Computer Usage

Internet and computer usage is for class assignments and related research **only!** Inappropriate use of the Internet or computers is subject to loss of privileges, class withdrawal and other disciplinary action.

Statement Regarding Outcomes and Assessment

The faculty and programs at CGCC are dedicated to effective teaching and successful learning with emphasis in the following areas: communication, critical thinking, literacy, and personal development.

Periodically, students will participate in formal and informal assessment activities that will help faculty improve programs and teaching strategies. These activities are designed to facilitate student growth in whatever combination of the above outcomes applies to a course.

Statement Regarding Students with Disabilities

Students with disabilities are required to register for services in the Disability Resources and Services (DRS) office in the Student Center at the beginning of the semester. Do not wait to visit the DRS office if you want support with any CGCC classes.

The DRS office will meet with you to determine accommodations based on appropriate documentation. This must be on file before any accommodation will be provided to students. You can contact the DRS office at (480)857-5188.

Faculty are not authorized to provide or approve any accommodations for students in this class without written instructions from the DRS office.

Statement Concerning Plagiarism

Plagiarism is defined as presenting the work of another as one's own. More than four consecutive words from a source other than the writer constitute plagiarism when the source is not clearly identified in appropriate document format.

From the CGCC Student Handbook:

"Plagiarism includes, but is not limited to, the use of paraphrase or direct quotation, of the published or unpublished work of another person with out full and clear acknowledgement. Is also includes the unacknowledged use of materials prepared by another person or agency engaged in the selling of term papers or other academic materials."

Information on Computer Lab

The CGCC Computer Lab, located in Building B, Room 123, is available to currently enrolled students. Specific hours of operation, detailed policies and procedures, installed software and additional information may be obtained from the website at www.cgc.maricopa.edu/cic/ or by calling (480) 732-7221.

Information on Learning Center Services

The CGCC Learning Center's mission is to support student's academic learning by providing free tutoring and resources to reinforce and supplement classroom instruction and to assist CGCC students to achieve academic success. Free tutoring services are available for many CGCC courses. The Learning Center is located on the second floor of the Library, rooms L227, L228, and L229. The Center also provides instructional support in the forms of videotapes, software, and print materials. For a schedule of tutoring hours, additional information or assistance contact the Learning Center at (480) 732-7231, or visit the website at www.cgc.maricopa.edu/lc.

Information Technology Syllabus

Information on the large variety of Information Technology Programs and Student Support Services available at CGCC and supplementary departmental syllabus information not covered in this syllabus can be found at: employeeweb.cgc.maricopa.edu/j/al/jalowiec/IT_Syllabus.html.