Note:

Course content may be changed, term to term, without notice. The information below is provided as a guide for course selection and is not binding in any form, and should not be used to purchase course materials.
COURSE SYLLABUS

BMIS 327
ADVANCED ORACLE

COURSE DESCRIPTION
This course introduces the advanced topics of database administration in Oracle. Multi-dimensional databases for Business Intelligence applications will be examined as well.

RATIONALE
Businesses rely upon database management systems to operate successfully in competitive markets. Oracle Corporation is a global leader and provider of database systems. Students should gain a basic knowledge of creating and administering Oracle database systems.

I. PREREQUISITES
For information regarding prerequisites for this course, please refer to the Academic Course Catalog.

II. REQUIRED RESOURCE PURCHASE
Click on the following link to view the required resource(s) for the term in which you are registered: http://bookstore.mbsdirect.net/liberty.htm

III. ADDITIONAL MATERIALS FOR LEARNING
A. Computer
B. Internet access (broadband recommended)
C. Microsoft Word
   (Microsoft Office is available at a special discount to Liberty University students.)

IV. MEASURABLE LEARNING OUTCOMES
Upon successful completion of this course, the student will be able to:
A. Discuss the relevance of course material and integration of technology to a Biblical worldview.
B. Describe Oracle database architecture.
C. Build an Oracle database.
D. Administer an Oracle database.
E. Configure an Oracle database for an application.
F. Control Oracle database access.
G. Construct Oracle database backups and recoveries.
V. COURSE REQUIREMENTS AND ASSIGNMENTS

A. Resource readings

B. Course Requirements Checklist

After reading the Syllabus and Student Expectations, the student will complete the related checklist found in Module/Week 1.

C. Discussion Board Forums (4)

There will be 4 Discussion Board Forums throughout this course. The student is required to provide a thread in response to the provided topic for each forum. Each thread is to be at least 250 words in length and demonstrate course-related knowledge. In addition to the thread, the student is required to reply substantially to 2 other classmates’ threads. Each reply must be at least 100 words in length. The student is are expected to use complete paragraphs, current APA formatting, and originality in his/her discussion threads.

D. Oracle Database Assignment (9)

The student will be required to complete applicable assignments to database administration. The student will install, create, administer, and configure an Oracle database for applications. Assignments will require complete programming code, server scripts, and applicable screenshots of the database server running on the student’s machine.

E. Midterm Exam

The Midterm Exam will be open-book/open-notes, contain 50 multiple-choice questions, and have a 60-minute time limit. The Midterm Exam will assess student comprehension on the material from lessons 1–8 in the Oracle eKit curriculum.

F. Final Exam

The Final Exam will be open-book/open-notes, contain 50 multiple-choice questions, and have a 60-minute time limit. The final exam will assess students on lessons 9–18 in the Oracle eKit curriculum. The exam will be due in Module/Week 8.

VI. COURSE GRADING AND POLICIES

A. Points

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Requirements Checklist</td>
<td>10</td>
</tr>
<tr>
<td>Discussion Board Forums (4 at 20 pts ea)</td>
<td>80</td>
</tr>
<tr>
<td>Oracle Database Assignments (7 at 80 pts, 2 at 30 pts)</td>
<td>620</td>
</tr>
<tr>
<td>Midterm Exam (Modules/Weeks 1–4)</td>
<td>150</td>
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<tr>
<td>Final Exam (Modules/Weeks 5–8)</td>
<td>150</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1010</strong></td>
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</table>
B. Scale
A = 900–1000   B = 800–899   C = 700–799   D = 600–699   F = 0–599

C. Policies

Academic Dishonesty and Plagiarism

Students are expected to uphold Liberty University’s policies on academic dishonesty and plagiarism. All work is expected to be original for the purpose of this course.

D. Late Assignment Policy

If the student is unable to complete an assignment on time, then he or she must contact the instructor immediately by email.

Assignments that are submitted after the due date without prior approval from the instructor will receive the following deductions:

1. Late assignments submitted within one week of the due date will receive a 10% deduction.
2. Assignments submitted more than one week late will receive a 20% deduction.
3. Assignments submitted two weeks late or after the final date of the class will not be accepted.
4. Late Discussion Board threads or replies will not be accepted.

Special circumstances (e.g. death in the family, personal health issues) will be reviewed by the instructor on a case-by-case basis.

E. Disability Assistance

Students with a documented disability may contact Liberty University Online’s Office of Disability Academic Support (ODAS) at LUOODAS@liberty.edu to make arrangements for academic accommodations. Further information can be found at www.liberty.edu/disabilitysupport.

VII. BIBLIOGRAPHY


## COURSE SCHEDULE

**BMIS 327**

Oracle eKit
Oracle Database: 11g Administration Workshop I.

<table>
<thead>
<tr>
<th>MODULE/WEEK</th>
<th>READING &amp; STUDY</th>
<th>ASSIGNMENTS</th>
<th>POINTS</th>
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<tbody>
<tr>
<td>1</td>
<td>Oracle eKit: Lessons 1–2 Oracle Database: 11g Administration I 1 presentation</td>
<td>Course Requirements Checklist Class Introductions Oracle Database Assignment 1 Oracle Database Assignment 2</td>
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<td>Oracle eKit: Lessons 3–4 Oracle Database: 11g Administration I 1 presentation</td>
<td>DB Forum 1 Oracle Database Assignment 3</td>
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<td>Oracle eKit: Lessons 5–6 Oracle Database: 11g Administration I 1 presentation</td>
<td>DB Forum 2 Oracle Database Assignment 4</td>
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<td>5</td>
<td>Oracle eKit: Lessons 9–11 Oracle Database: 11g Administration I 1 presentation</td>
<td>DB Forum 3 Oracle Database Assignment 6</td>
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<td>Oracle eKit: Lessons 12–13 Oracle Database: 11g Administration I 1 presentation</td>
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<td>Oracle Database Assignment 8</td>
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<td>8</td>
<td>Oracle eKit: Lessons 17–18 Oracle Database: 11g Administration I 1 presentation</td>
<td>Oracle Database Assignment 9 Final Exam</td>
<td>80 150</td>
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**TOTAL**: 1010

DB = Discussion Board

**NOTE:** Each course week (except Module/Week 1) begins on Tuesday morning at 12:00 a.m. (ET) and ends on Monday night at 11:59 p.m. (ET). The final week ends at 11:59 p.m. (ET) on Friday.