

Associate of Applied Business Degree Business

Information Technology and Computer Science

Database

Oracle Database Applications Developer Concentration (9257)

This program provides students with a specialization in the development of Oracle database applications. Courses within this program help students prepare for Oracle Certification exams.

First Semester:

ENGL 1110* <i>English Composition I (A)</i>	3
OR	
ENGL 1111 <i>English Composition I (B)</i>	
ACCT 1100 Introduction to Financial Accounting	4
BUSM 1300 Introduction to Business	3
(1st 8 weeks)	
ITIS 1005 Computers and Information Processing	3
(2nd 8 weeks)	
ITCS 1010 Programming Logic	3
ITIS 1115 Internet Technologies and Concepts	2
ITON 1020 <i>Using Microsoft Windows</i>	1
OR	
ITON 1030 <i>Using Microsoft Windows Vista</i>	

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Second Semester:

ACCT 1200 Introduction to Managerial Accounting	3
BUSM 1700 Principles of E-Business	3
ENGL 1121 English Composition II - Technical Focus	3
(1st 8 weeks)	
ITDB 1400 Introduction to Oracle SQL	2
ITIS 1100 Internet: Services, Tools and Web Page Creation	2
(2nd 8 weeks)	
ITCS 1105 Web Programming I	2
ITDB 1405 Introduction to Oracle PL/SQL	2

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Third Semester:

ITCS 1820 Java Programming I	3
ITCS 2010 Systems Analysis	3
ITDB 1410 Introduction to Oracle Data Warehousing	3
ITIS 1012** Applied Computer Mathematics	3
SPCH 1050*** <i>Fundamentals of Public Speaking</i>	2
OR	
SPCH 1150 <i>Fundamentals of Interpersonal Communication</i>	
(1st 8 weeks)	
ITDB 1420 Develop Oracle PL/SQL Program Units	2
(2nd 8 weeks)	
ITDB 2400 Oracle Developer: Forms I	3

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Fourth Semester:

ECON 1150 <i>Basic Economics</i>	3
OR	
ECON 2600 <i>Principles of Microeconomics</i>	
MATH 2130 Business Statistics I	3
Choose course(s) from the Arts and Humanities Electives list	3
Choose course(s) from the Technical Electives list	2
(1st 8 weeks)	
ITDB 2405 Oracle Developer: Forms II	2
(2nd 8 weeks)	
ITDB 2490 Oracle Database Applications Developer Capstone	4

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Program Total: 72

**English course selection is based on placement test results (ENGL 1111 is 4 credits, only 3 credits apply to the degree).*

***Students planning to transfer to a four-year college should take a sequence of math as advised by their counselor.*

****Students may substitute either SPCH 1000 or SPCH 1100. One of these 3 credit courses may be required for students transferring to a four-year college.*

Technical Electives: minimum 2 credits

CPET 1050 Assembling, Upgrading and Repairing Personal Computers	2
ITDB 1425 Oracle Database Administration I	2
ITDB 2425 Oracle Database Administration II	2
Any Information Technology (ITCS, ITDB, ITIS, ITON) course(s) except ITIS 1000	

Arts and Humanities Electives: minimum 3 credits

ARTS 1120, 2220, 2230, 2240; ENGL 2250, 2260, 2280, 2290; HUMX 1100, 1200; MUSC 1200, 2200, 2250; PHIL 1500, 2000