

ORACLE PROGRAMMING - CERTIFICATE OF COMPLETION

(18 credits)

A Suggested Plan of Study

The contents of this roadmap may vary depending on initial student placement in mathematics and English. This is only a suggested plan of study for students, and is not intended as a contract. Individual student academic plans may vary. Please contact your academic advisor to create a plan that works for you. Course availability may vary from fall to spring semester and may be subject to modification or change.

NOTE: Students must complete all University certificate requirements to total at least 18 credits and must achieve a cumulative grade-point average of at least 2.0. Developmental coursework will not count towards the degree requirements and/or elective credits. If a student has no basic typing skills, OATS 101 Keyboarding Basics is a prerequisite for all CTEC, CSEC, and OECS courses. A grade of C- or better is required in ENGL 1110G Composition I and designated Mathematics courses.

Semester 1		Credits
CTEC 140	Introduction to Database Design	3
or OECS 220	or Database Application and Design	
Choose one course with the following prefix: BCIS, C S, CSEC, CTEC, E T, ICT, or OECS.		3
Credits		6
Semester 2		
CTEC 145	Introduction to Database Management	3
or OECS 235	or Structured Query Language (SQL)	
Choose one course with the following prefix: BCIS, C S, CSEC, CTEC, E T, ICT, or OECS.		3
Credits		6
Semester 4		
CTEC 245	Fundamentals of Cloud Based Data Systems	3
Choose one course with the following prefix: BCIS, C S, CSEC, CTEC, E T, ICT, or OECS.		3
Credits		6
Total Credits		18