

# Information Systems Technology Database Solutions Career Studies Certificate

**Purpose:** The Database Solutions Career Studies Certificate program is designed to provide students with skills that support the newest capabilities and advances in database technology. These new features in database technology enable databases to increase in scale and provide higher security and greater reliability. This program focuses on training database technologists who can provide these advantages to their employers and stay on the leading edge of database technology. The program also prepares students to study for the exams in the Oracle Certified Associate (OCA) Path.

**Occupational Objectives:** Technical Support Professional, Database Administrator, System Analyst, Applications Developer

**Admission Requirements:** General college curricular admission

**Program Notes:** Students enrolling in this program must have a strong foundation in computer concepts, Windows, word processing, spreadsheet, database, and presentation software and the ability to access information on the internet. Students needing this basic computer foundation could take ITE 115, Introduction to Computer Applications and Concepts. Students must attain the grade of "C" or higher in IT courses taken for this certificate. Students who complete the Database Solutions Career Studies Certificate will be able to apply four of the seven courses completed to the Information Systems Technology, Computer Programming specialization.

<b>CURRICULUM</b>				
<b>COURSE</b>	<b>TITLE</b>	<b>LEC. HRS.</b>	<b>LAB. HRS.</b>	<b>CRS. CRE.</b>
ITP 120	Java Programming I	4	0	4
ITE 150	Desktop Database Software (Access)	3	0	3
ITD 130	Database Fundamentals	4	0	4
ITD 134	PL/SQL Programming	4	0	4
ITD 152	Oracle Forms Developer	4	0	4
ITD 250	Database Architecture and Administration	4	0	4
___ ___ <sup>1</sup>	Information Technology Elective	3	0	3

<b>TOTAL</b>	26	0	26
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<sup>1</sup> The Information Technology elective can be selected from one of the following areas: Information Technology Design (ITD), Information Technology Essentials (ITE), Information Technology Networking (ITN), or Information Technology Programming (ITP).