

INFORMATION SYSTEMS TECHNOLOGY:

Database Specialist

Career Studies Certificate

AL, MA, WO

Purpose: This career studies certificate 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.

One Year		Credits
1st Semester		
¹ ENG/CST	Elective	3
ITD	132 Structured Query Language	3
ITD	250 Database Architecture and Administration	3
² ITP	Programming Elective	<u>4</u>
Total		13
2nd Semester		
ITD	134 PL/SQL Programming	3
ITD	150 Oracle Reports	3
ITD	252 Database Backup and Recovery	3
ITD	258 Database Performance and Tuning	3
ITD	260 Data Modeling and Design	<u>3</u>
Total		15

Total credits for the Career Studies Certificate in Database Specialist = 28

IT courses used for this program may not be more than 10 years old, unless approved by division dean.

¹ The ENG/CST requirement may be met by ENG 111 or other ENG courses approved by your advisor, or by CST 100, 110, 115, 126, 227 or 229.

² IT Programming elective must be chosen from the following: ITP 112, ITP 120, ITP 130, ITP 132, ITP 136, ITP 212, ITP 220, ITP 230, ITP 232, or ITP 236.