

LANSING COMMUNITY COLLEGE

CURRICULUM GUIDE

Computer Database Specialist
Certificate of Achievement

Curriculum Code: 0917 (Effective Fall 2009 – Summer 2014)

Database specialists must be able to determine information requirements of users; use technology systems and processes to devise means through which to gather and sort needed information; and implement effective solutions for reporting necessary information using industry-standard database tools. Certificate holders may qualify for entry level/hands-on positions in this or a related area. Additional training will enhance individual employment and advancement opportunities.

PREREQUISITES

Students should see *Course Descriptions* or *Course Offerings* for course prerequisite information. See the *Assessment and Placement Testing* section for skills assessment and advising information.

INFORMATION

Contact the Media, Art, and Information Technologies Department, Gannon Building, Room 131, telephone number (517) 483-1546 (Website: www.lcc.edu/mait/) or Counseling and Advising Center, Gannon Building, Room 204, telephone number (517) 483-1904.

REQUIREMENTS

CODE	TITLE	TOTAL: 26 CREDITS CREDIT HOURS
CITA 133	Microsoft Access Database	3
CITA 233	Advanced Microsoft Access	2
CITD 120	SQL Concepts	2
CITD 140	Advanced SQL	3
CITD 250	Database Concepts	3
CITF 110	Intro Computer Info Systems	3
CITF 200	Info Sys Tech/Problem Solving	3
CITN 120	Introduction to Networking	3
CITP 110	Intro to Computer Programming	4

LIMITED CHOICE REQUIREMENTS

TOTAL: 6-8 CREDITS

Complete the indicated number of credits from EACH CHOICE listed below.

CHOICE 1: Computer Specialty Area (See Note 1)

6-8 Credits

BUSN 118	Introduction to Business	3
CITF 140	Information Technology Ethics	3
CITF 260	Systems Analysis and Design	4
CITP 150	Intro to VB.Net Programming	4
CITP 180	Intro to C#.NET Programming	4
CITP 190	Intro to Programming in JAVA	3

MINIMUM TOTAL

32

NOTES:

1. Other CIT_ prefix courses may be approved for CHOICE 1 by a Computer Information Technology program advisor.
2. Students must complete all courses with a grade of 2.0 or higher to receive this certificate of achievement.

SUGGESTED COURSE SEQUENCE

Students should see course descriptions to find out when departments plan to offer courses. Students who for any reason are unable to follow the course sequence suggested below (for example, those who are part-time, have transferred in courses from another school, or have prerequisites to fulfill) should contact an academic advisor or counselor for help with adjustments.

I	II	III
CITA 133	CITA 233	CITD 250
CITD 120	CITD 140	Lim.Ch.1
CITF 110	CITF 200	Lim.Ch.1
CITP 110	CITN 120	