

# LANSING COMMUNITY COLLEGE

## CURRICULUM GUIDE

Computer Auditor  
Associate in Business Degree

Curriculum Code: 0253 (Effective Fall 2011 – Summer 2016)

Computer auditors plan and conduct audits of data processing systems and applications to safeguard assets, ensure accuracy of data, and promote operational efficiency. They may interview workers and examine records to gather data by following an audit plan and using the computer. They analyze data gathered to evaluate effectiveness of controls and determine accuracy of reports and efficiency and security of operations. They devise, write, and test computer programs necessary to obtain information needed for audit. They devise controls for new or modified computer applications to prevent inaccurate calculations and data loss, and to ensure discovery of errors. This degree program has been created in response to a request from the Michigan Auditor General's office. It is recommended for use by those who are currently auditors.

### 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 Computer Information Technologies Program, Gannon Building, Room 131, telephone number (517) 483-9612 (Website: [www.lcc.edu/cit/foundations/](http://www.lcc.edu/cit/foundations/)) or Academic Advising Department, Gannon Building, Room 212, telephone number (517) 483-1904.

### REQUIREMENTS

CODE	TITLE	TOTAL: 43 CREDITS CREDIT HOURS
ACCG 210	Principles of Accounting I	4
ACCG 211	Principles of Accounting II	4
ACCG 220	Intermediate Accounting I	4
ACCG 221	Intermediate Accounting II	4
ACCG 290	Auditing	4
CITD 250	Database Concepts	3
CITF 110	Intro Computer Info Systems	3
CITF 120	Operating Systems Concepts	3
CITF 240	IT Project Management	3
CITF 260	Systems Analysis and Design	4
CITN 120	Introduction to Networking	3
CITP 110	Intro to Computer Programming	4

**LIMITED CHOICE REQUIREMENTS****TOTAL: 17-25 CREDITS**Complete the indicated number of credits from **EACH CHOICE** listed below.**CHOICE 1: General Education Core Areas****15-21 Credits**(See *General Education Core Requirements* for information on how to fulfill these requirements.

Core area proficiency exams, where appropriate, are available for each core area.)

Communication Core Area	3-4
Global Perspectives and Diversity Core Area	3-4
Mathematics Core Area	3-4
Science Core Area	3-5
Writing Core Area	3-4

**CHOICE 2: Programming****2-4 Credits**

CITD 120	SQL Concepts	2
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** **60****NOTE:**

- For graduation from this program, a student must have earned a minimum 2.0 grade in each class.

**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 for help with adjustments.

<b>I</b>	<b>II</b>	<b>III</b>	<b>IV</b>
ACCG 210	ACCG 211	ACCG 220	ACCG 221
CITF 110	CITF 120	CITD 250	CITF 240
CITP 110	CITN 120	Lim.Ch.	CITF 260
Lim.Ch.	Lim.Ch.	Lim.Ch.	Lim.Ch.
<b>V</b>			
ACCG 290			
Lim.Ch.			