CERTIFICATE IN MICROSOFT CERTIFIED SOLUTIONS ASSOCIATE (CMCSA)

(Please see the *Undergraduate Program Offerings by Campus* chart in the catalog or on the Herzing Website at *www.herzing.edu/career-programs/downloads* for a list of Herzing campuses offering this program.)

PROGRAM DESCRIPTION

This program provides the student with a comprehensive overview of building, maintaining, and administering Microsoft-based computer networks. The program also prepares the student to take the examinations necessary to achieve the Microsoft Certified Solutions Associate (MCSA) certification.

PROGRAM OUTCOMES

Upon completion of this program, the student should be able to:

1. Demonstrate understanding of network and server operating systems in a Microsoft network environment.

2. Perform network infrastructure administration functions on a modern computer network.

3. Implement and administer a directory services infrastructure.

4. Pass the examinations leading to the Microsoft Certified Solutions Associate (MCSA) certification.

SPECIAL ADMISSION REQUIREMENTS

Applicants must pass a computer skills test administered by the campus Admissions Department before enrolling in this certificate program.

POTENTIAL OCCUPATIONAL TITLES

Potential occupational titles for this program include, but are not limited to, computer network support specialist.

PROGRAM CONTENT

A minimum of 16.00 semester credit hours is required for graduation.

REQUIRED COURSES

All courses, 16.00 semester credit hours, are required.

Course Number	Course Name	Prerequisites/Corequisites	Semester Credit Hours
IT 232	MSCA Competency Workshop *	NT 180, NT 200 and NT 210	4.00
NT 180	Network and Server Operating Systems *	IS 112 or IS 186 (or test out)	4.00
NT 200	Network Infrastructure Administration *	NT 180	4.00
NT 210	Directory Services Administrator *	NT 180	4.00

* For ease of scheduling, 4-credit courses may be divided into two 2-credit courses with part of the course being covered in an online web "W" section and the other part of the course being covered in a lab "L" section (i.e., IT 232W and IT 232L).