DIPLOMA IN NETWORK SYSTEMS (DNS)

(Please see the *Undergraduate Program Offerings by Campus* chart in the catalog for a list of Herzing campuses offering this program.)

PROGRAM DESCRIPTION

This program prepares students for entry-level positions in network administration, and is designed for individuals who already possess experience in the field of information technology. Skills taught include network infrastructure and security. Coursework in this program is designed to provide a foundation for select industry certifications for routing and switching. Graduates of this program may continue on into an associate or bachelor's degree in information technology.

PROGRAM OUTCOMES

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

1. Apply industry standards to the implementation and support of network systems and computer devices.

2. Demonstrate the principles of information technology security.

POTENTIAL OCCUPATIONAL TITLES

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

PROGRAM CONTENT

A minimum of 25.00 semester credit hours is required for graduation.

REQUIRED COURSES

All courses, 24.00 semester credit hours, are required.

Course Number	Course Name	Prerequisites/Corequisites	Semester Credit Hours
IS 123	Computer Networks	None	3.00
IS 285	Routers and Switches I	IS 123	3.00
IS 287	Routers and Switches II	IS 285	3.00
IS 291	Applied Routers and Switches	IS 287	3.00
IT 236	CCNA Competency Workshop	IS 291	3.00
IT 237	CCNA Security Competency Workshop	NT 213	3.00
NT 203	Routing and Switching Security I	IS 285	3.00
NT 213	Routing and Switching Security II	NT 203	3.00

PERSONAL AND PROFESSIONAL DEVELOPMENT COURSE

1.00 semester credit hour is required.

Course Number	Course Name	Prerequisites/Corequisites	Semester Credit Hours
PD 202	Professional Development II	None	1.00