



### Possible Employment Opportunities\*

- Systems analyst assistant ◀
- Computer center technician ◀
- Database administrator ◀
- Network Administrator ◀
- Websites designer ◀
- PC user support technician ◀
- IT service analyst ◀
- Information systems analyst and developer ◀

\*These examples are intended to serve as a general guide. There are many factors that determine what occupation an individual can achieve and NUC University cannot guarantee its graduates a specific job position. Some positions may require licensing or other certifications. We encourage you to research your job requirements and career goals.

# BACHELOR'S DEGREE IN NETWORK TECHNOLOGY AND APPLICATIONS DEVELOPMENT

The Bachelor's Degree in Network Technology and Applications Development program will equip students to configure, manage, and audit communications networks. They will develop the skills needed to apply several programming languages, manage relational databases, and design dynamic websites that integrate and manage various web technologies.



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BACHELOR'S DEGREE IN

# NETWORK TECHNOLOGY AND APPLICATIONS DEVELOPMENT

## Program Competencies

- Communicate effectively orally and in writing in Spanish and English developing creativity and sensitivity towards assertive communication.
- Critically analyze the economic, sociological, ethical and political problems of the contemporary world to contribute to society and improve the quality of life.
- Develop skills related to accessing and processing information as well as managing application programs, such as: word processing, spreadsheets and databases.
- Install and configure physical and logical components of computers, as well as their diagnosis and maintenance.
- Analyze, design and develop applications for various platforms (web and desktop), responding to the needs of users and in compliance with ethical values.
- Install, configure, manage and audit networks to support communication systems in companies.
- Design and manage relational databases using structured languages for effective information management.

## Program Availability

- South Florida

## Distribution

- 45 credits - general courses
- 71 credits - core courses
- 4 credits - elective courses
- 120 credits - total credits

## Outstanding Courses

- Network Security and Audit
- Introduction to Electronic Commerce and Laboratory
- Database and Laboratory Management
- Object Oriented Programming and Lab (Java)
- Programming Languages and laboratories in:
  - \* C#
  - \* Python
  - \* Visual Basic
  - \* JavaScript



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