

# CISCO NETWORKING

## CTE REQUIREMENTS



This program prepares students for a networking career with the introduction to how networks operate. Students get a chance to build simple local area networks, have a working knowledge of IP addressing schemes, foundations network security, and are able to perform basic configurations for routers and switches.

09

NINTH  
GRADE

Exploratory  
(1 Period)

10

TENTH  
GRADE

Introduction to Networking  
(3 Periods)

11

ELEVENTH  
GRADE

Routing & Switching Network  
(3 Periods)

TestOut Routing & Switching Pro  
Certification

+

WORK  
BASED  
LEARNING

60 hrs through industry exposure and various activities embeded in classes & by participating in internships.

12

TWELTH  
GRADE

Foundational Network/Cyber  
Security  
(3 Periods)

CISCO CCNA Certification

CCR

CAREER &  
COLLEGE  
READY

1 Math Regents Exam ( 70+)

1 ELA Regents Exam (75+)

4 years of Math or Science

At least one (1) college course through LaGuardia Community College offered during junior or senior years