



# *IT Certification - A Future of Possibilities*

## **Networking Fundamentals**

### **VISION**

Classrooms to Corporations (C2C) provides students with technology skills and training to prepare them for technology careers. C2C empowers and inspires students who might not otherwise consider a career in the field of technology. Through enriching our future local workforce, C2C helps create a talented pipeline of candidates for local corporations.

### **PROGRAM**

C2C is a non-profit, tax exempt organization providing two levels of training to high school students, in each case using recycled and repurposed IT hardware from local corporations. The first level of training engages students through hands-on learning with technology equipment. The second, more advanced, level of training allows students to obtain certificate-level training.

### **PROFILE**

The Microsoft Technology Associate (MTA) is Microsoft's newest suite of technology certification exams that validate fundamental knowledge needed to begin building a career using Microsoft technologies. This course provides an appropriate entry point to a future career in technology and assumes some hands-on experience or training but does not assume on-the-job experience.

This course helps you prepare for *Microsoft Technology Associate Exam 98-366*, and build an understanding of: Network Infrastructures, Network Hardware, and Protocols and Services.

### **Course Outline:**

- Understanding Local Area Networking
- Defining Networks with the OSI Model
- Understanding Wired and Wireless Networks
- Understanding Internet Protocol
- Implementing TCP/IP in the Command Line
- Working with Networking Services
- Understanding Wide Area Networks
- Defining Network Infrastructures and Network Security

### **Course Locations:**

#### **West Park Community Coalition**

11897 Bellaire Road  
Cleveland, Ohio 44135  
Mon, Wed 2:00pm to 4:00pm  
**June 19 – August 9**

### **Course Audience:**

Ages 17-24; leaving foster care, single parents, high school students

### **Course Pre-Registration:**

[www.ClassroomsToCorporations.org/register](http://www.ClassroomsToCorporations.org/register)

### **Course Instructor:**

Corey Wright

### **Course Fees:**

None

*Learn about exciting career opportunities with Microsoft!*

