

**MARKETABLE SKILL AWARD IN
CISCO NETWORK ASSOCIATE CERTIFICATION
AWARD OF COMPUTER INFORMATION SYSTEMS
McLENNAN COMMUNITY COLLEGE**

Student's Last Name	First Name	MI	ID No.	Date

Course	Grade
ITCC 1310-CISCO Discovery 1: Networking for Home and Small Business	
ITCC 1311-CISCO Discovery 2: Working at a Small-to-Medium Business or ISP	
ITCC 1312-CISCO Discovery 3: Introducing Routing and Switching in the Enterprise	
ITCC 1313-CISCO Discovery: Designing and Supporting Computer Networks	

Request for Processing

In order to receive a Marketable Skills Record, the following requirements must be met:

1. You must make a grade of C or higher in each course.
2. You must provide an unofficial transcript with the appropriate courses highlighted with this request form.
3. You must submit a Request for Processing form to Dorothy Johnson in AS 218 for processing.

Your Marketable Skills Record certificate will include your course grade and the job competencies in the courses taken.

ADVISOR'S SIGNATURE

STUDENT'S SIGNATURE
(As you want it to appear on certificate.)

Date

Remarks: _____

MARKETABLE SKILL RECORD
Course Description

This Marketable Skill award prepares students for the CISCO Certified Network Administrator (CCNA) certification exam.

ITCC 1310 CISCO Discovery 1: Networking for Home and Small Businesses

This introductory course teaches students the skills needed to obtain entry-level home and small business network installer jobs, network technicians, computer technicians, cable installers, and help desk technicians. It provides a hands-on introduction to networking and the Internet using tools and hardware commonly found in home and small business environments. Labs include PC installation, Internet connectivity, wireless connectivity, file and print sharing, and the installation of game consoles, scanners, and cameras. Semester Hours 3 (2 lec/3 lab)

ITCC 1311 CISCO Discovery 2: Working at a Small-to-Medium Business or ISP

This course prepares students for jobs as network technicians. It also helps students develop additional skills required for computer technicians and help desk technicians. It provides a basic overview of routing and remote access, addressing, and security. It also familiarizes students with servers that provide e-mail services, Web space, and authenticated access. Students also learn about soft skills required for help desk and customer service positions. Network monitoring and basic troubleshooting skills are taught on context. Prerequisite: ITCC 1310. Semester Hours 3 (2 lec/3 lab)

ITCC 1312 CISCO Discovery 3: Introducing Routing and Switching in the Enterprise

This course familiarizes students with the equipment applications and protocols installed in enterprise networks, with a focus on switched networks, IP Telephony requirements, and security. It also introduces advanced routing protocols such as Enhanced Interior Gateway Routing Protocol (EIGRP) and Open Shortest Path First (OSPF) Protocol. Hands-on exercises include configuration, installation, and troubleshooting. Prerequisite: ITCC 1311. Semester Hours 3 (2 lec/3 lab)

ITCC 1313 Discovery: Designing and Supporting Computer Networks

Learners progress through a variety of case studies and role-playing exercises, which include gathering requirements, designing basic networks, establishing proof-of-concept, performing project management tasks, lifecycle services, including upgrades, competitive analyses, and system integration. Prerequisite: ITCC 1312. Semester Hours 3 (2 lec/3 lab)