

VCE VET
Cisco

EXTRACT

October 2009

This program is for implementation from 2009 and must be used in conjunction with course accreditation document for 21915VIC Certificate IV in Shared Technology.

PROGRAM REVISION

This program booklet replaces the *VCE VET Cisco Networking Academy Program* booklet published in April 2005. This revision to the *VCE VET Cisco Networking Academy Program* is a consequence of significant changes to the Cisco Networking Academy (CCNA) curricula during 2008. For the VCE VET Cisco program, the identified sets of competencies have been grouped to form Units 3 and 4 sequences for recognition purposes. The recognition status of VCE VET programs are reflected in this program booklet.

ARRANGEMENTS FOR CONTINUING STUDENTS

Students enrolled in the VCE VET Cisco Networking Academy Program in 2009 or earlier, may complete their program in 2009 under the arrangements outlined in the *VCE VET Cisco Networking Academy Program Booklet* published in April 2005.

No new students may enrol in the *VCE VET Cisco Networking Academy Program* in 2010 and beyond.

STUDENTS COMMENCING IN 2010 AND BEYOND

All students commencing the VCE VET Cisco program in 2010 and beyond must comply with the requirements outlined in this booklet.

PROGRAM DETAILS

AIMS

The VCE VET Cisco program aims to provide:

- training and practical skills in the design, construction and maintenance of computer networks ranging from small or home office to more complex enterprise models
- the knowledge and skills required to undertake the examinations for the internationally recognised Cisco qualifications, including the CCNA certification examinations
- enhanced employment opportunities and pathways to further education and training in the information and communications technology field. It also provides advanced problem solving and analytical skills appropriate for studies in engineering, mathematics or science.

COMPLETION REQUIREMENTS

Students enrolled in the VCE VET Cisco program must fulfil the requirements of the Cisco training program and the requirements of the identified competency standards from the course accreditation document for 21915VIC Certificate IV in Shared Technology.

VCE VET PROGRAM STRUCTURE

The VCE VET Cisco program has been structured to provide recognition for both the CCNA Discovery and Exploration programs. These programs are presented in this booklet as two distinct programs and each allow for two exit points:

Program 1: Cisco Discovery

The following information needs to be read in conjunction with the course accreditation document for 21915VIC Certificate IV in Shared Technology as well as the Cisco Networking Academy's Cisco Discovery curriculum.

Students undertaking Program 1: Cisco Discovery are eligible for up to four VCE VET units on their VCE Statement of Results. These units are at Units 3 and 4 level.

Program 2: Cisco Exploration

The following information needs to be read in conjunction with the course accreditation document for 21915VIC Certificate IV in Shared Technology as well as the Cisco Networking Academy's Cisco Exploration curriculum.

Students undertaking Program 2: Cisco Exploration are eligible for up to four VCE VET units on their VCE Statement of Results. These units are at Units 3 and 4 level.

VCAA prescribed units of competence

Units of competence are directly mapped to the CISCO semesters for each program. Additional units of competence are included in each program from 21915VIC.

In consultation with schools, RTOs and industry representatives, the VCAA has prescribed a number of units of competence in the VCE VET Cisco program. The VCE VET Cisco program is compliant with the state accredited curriculum requirements and the prescribed units of competence have been selected to enhance the acquisition of a broad range of skills.

Program duration

The VCE VET Cisco program has a nominal duration of:

Program 1: VCE VET Cisco Discovery	380 hours
Program 2: VCE VET Cisco Exploration	390 hours

The nominal hours attached to each unit of competence are calculated by Skills Victoria as an indicator of the training time required to become competent. They are a guide only, and the actual duration of the training is affected by students' readiness to be assessed for the particular unit of competence.

It is important to note that the allocation of nominal hours for each unit of competence is intended to cover both delivery and assessment.

STUDY SCORE AND AUSTRALIAN TERTIARY ADMISSIONS RANK (formerly called the ENTER)

There is no study score available for this program.

The Australian Tertiary Admissions Rank (ATAR) is calculated by the Victorian Tertiary Admissions Centre (VTAC), subject to satisfactory completion of the VCE and using the study scores students have received for their VCE studies.

The contribution of the VCE VET Cisco program to the ATAR is as follows:

- Any contribution to the ATAR is subject to satisfactory completion of the designated Units 3 and 4 sequence.
- Students who successfully complete a Units 3 and 4 sequence will receive one ATAR increment.
- Students who successfully complete two Units 3 and 4 sequences may be eligible to receive two ATAR increments.

An increment is calculated as 10 per cent of the average of the scaled scores of the student's primary four VCE studies. The increment is awarded by VTAC.

For further information on the calculation of the ATAR, refer to the VTAC website: www.vtac.edu.au

Program structure

PROGRAM 1: CISCO DISCOVERY

VCE VET Units 3 and 4				
Unit code	Unit Title	Prerequisites	Hours	Mapped to Cisco Networking Academy
VPAU645	Install and configure a home or small office network	Nil	60	Discovery 1: Networking to home and small business
VPAU646	Install and configure a small to medium business network	VPAU645	60	Discovery 2: Working at a small to medium business or ISP
VBP118	Carry out a shared technology project	Nil	60	Over both Discovery 1 and 2
Total hours			180	

VCE VET Units 3 and 4				
Unit code	Unit Title	Prerequisites	Hours	Mapped to Cisco Networking Academy
VPAU808	Implement and troubleshoot enterprise routers and switches	VPAU645 VPAU646	100	Discovery 3: Introducing routing and switching in the enterprise
VPAU809	Design, install and configure an internet	VPAU645 VPAU646	100	Discovery 4: Designing and supporting networks
Total hours			200	

PROGRAM 2: CISCO EXPLORATION

VCE VET Units 3 and 4				
Unit code	Unit Title	Prerequisites	Hours	Mapped to Cisco Networking Academy
VPAU810	Build and maintain a fundamental network	Nil	80	Exploration 1: Network fundamentals
VPAU811	Apply advanced routing protocols to network design	VPAU810	80	Exploration 2: Routing protocols and concepts
VBP121	Install and configure basic network and computer operating systems	Nil	40	Over both Exploration 1 and 2
Total hours			200	

VCE VET Units 3 and 4				
Unit code	Unit Title	Prerequisites	Hours	Mapped to Cisco Networking Academy
VPAU812	Configure and troubleshoot advanced network switching	VPAU810	80	Exploration 3: LAN switching and wireless
VPAU813	Install and maintain a WAN	VPAU810 VPAU812	80	Exploration 4: Accessing the WAN
VBP123	Build a small wireless LAN	Nil	30	Over both Exploration 3 and 4
Total hours			190	