VCE VET Cisco

Program Extract

**Incorporating**

**22263VIC Certificate IV in Integrated Technologies,**

**providing recognition for Cisco CCNAv6**

February 2018

This program is for implementation from February 2018.

Modification history

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Status | Release Date | Comments |
| 1.0 | Current | February 2018 | Original Program |

Authorised and published by the Victorian Curriculum and Assessment Authority  
Level 1, 2 Lonsdale Street, Melbourne VIC 3000

ISBN: 978-1-925676-62-4

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Introduction

VCE VET programs are vocational training programs approved by the Victorian Curriculum and Assessment Authority (VCAA). VCE VET programs lead to nationally recognised qualifications, thereby offering students the opportunity to gain both the VCE and a nationally portable Vocational Education and Training (VET) certificate. VCE VET programs:

* are fully recognised within the Units 1 to 4 structure of the Victorian Certificate of Education (VCE) and therefore may contribute towards satisfactory completion of the VCE. VCE VET units have equal status with other VCE studies.
* may contribute to the satisfactory completion of the Victorian Certificate of Applied Learning (VCAL)
* function within the National Training Framework.

Program development

This program replaces the program published in the VCE VET Cisco Program in October 2009. The revision to the VCE VET Cisco program is due to significant changes to the Cisco Certified Network Associate (CCNA) curricula during 2017. For the VCE VET Cisco program, identified competencies have been grouped to form two Units 3 and 4 sequences for recognition purposes. The recognition status of VCE VET programs are reflected in this program booklet.

Industry overview

The Cisco course is mainly targeted for new entrants into the workforce, such as school leavers, who want to gain employment as technicians.

There is no single source of employment for graduates from this course. Rather, skills developed in the course will prepare graduates to undertake work across a wide range of activities in technology fields which are merging and for which presently no formal qualifications are available. Typical job roles are leading tradesperson, service technician, systems manager, facilities manager, small team leader.

A diverse range of industries will employ graduates from this course, such as small and large enterprises involved with manufacturing, medical equipment servicing, telecommunications infrastructure, building automation, computer

The VCE VET Cisco program allows for credit in VCE and VCAL, recognition for Cisco CCNA v6, and partial completion of a nationally recognised qualification.

VCE VET Cisco program details

The VCE VET Cisco program provides participants with the knowledge and skills to prepare for a career in networking and to meet the current and future industry requirements to effectively work within an IT environment across a range of industry sectors.

Aims

The VCE VET Cisco program aims to provide:

* training and practical skills to manage and optimise network systems ranging from small or home office to more complex enterprises.
* the knowledge and skills required to undertake the examinations for the internationally recognised Cisco qualifications, including the Cisco CCENT and CCNA Routing and Switching 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.

Structure

For VASS recording purposes schools are required to enroll into CISCO v6.

The VCE VET Cisco program has been structured to provide recognition for CCNA Routing and Switching.

**Program A: CCNA 1 – Introduction to Networks (CCNA ITN)**

**CCNA 2 – Routing and Switching Essentials (CCNA R&S)**

The following information needs to be read in conjunction with the state accredited curriculum for 22263VIC Certificate IV in Integrated Technologies as well as the Cisco Networking Academy’s Cisco CCNA 1 and 2 curriculum.

Students undertaking Program A are eligible for up to two VCE VET units on their VCE Statement of Results. These units are at Units 3 and 4 level.

**Program B: CCNA 3 – Scaling Networks (CCNA SCALE)**

**CCNA 4 – Connecting Networks (CCNA CONN)**

The following information needs to be read in conjunction with the state accredited curriculum for 22263VIC Certificate IV in Integrated Technologies as well as the Cisco Networking Academy’s Cisco CCNA 1 and 2 curriculum.

Students undertaking Program B are eligible for up to two VCE VET units on their VCE Statement of Results. These units are at Units 3 and 4 level.

Qualifications

22263VIC Certificate IV in Integrated Technologies

Certificate IV comprises a minimum of 9 units of competency with 800 nominal hours: seven compulsory units and a minimum of two elective units. The VCE VET Cisco program provides for partial completion of 22263VIC Certificate IV in Integrated Technologies.

VCE VET Credit

Students undertaking VCE VET Cisco are eligible for up to two VCE Unit 3 and 4 sequences.

Nominal hour duration

Nominal hours are determined by the Victorian State Training Authority (Department of Education and Training), they reflect the anticipated time taken to deliver and assess the outcomes of a unit of competency excluding unsupervised delivery or the time taken for repeated practical application of skills.

Nominal hours are used to determine credit into the VCE or VCAL for VET units of competency.

Duplication

When a VCE VET program significantly duplicates other VCE studies or VET training in a student’s program, a reduced VCE VET unit entitlement may apply. Credit towards the VCAL may also be reduced due to duplication.

No significant duplication has been identified between the VCE VET Cisco and other VCE studies.

Sequence

It is recommended that Program A be delivered before Program B; however a range of delivery sequences are possible.

VCE VET Cisco program structure

CISCO22263VIC Cisco – CCNA v6

| **Code** | **Unit Title** | | **Nominal  Hours** | | |
| --- | --- | --- | --- | --- | --- |
| **Units 3 and 4** | | | | | |
| **Program A - Compulsory:** | | | | | |
| VU22324 | | Build a simple network and establish end to end connectivity | 90 | | |
| VU22325 | | Configure and troubleshoot network switches and routers | 100 | | |
| **Program A Units 3 and 4:** | | | **190** | | |
|  | | |  | | |
| **Units 3 and 4** | | | | | |
| **Program B - Compulsory:** | | | | | |
| VU22326 | | Apply network scaling tools and techniques | | 90 | |
| VU22327 | | Establish connectivity to a wide area network (WAN) | | 100 | |
| **Program B Units 3 and 4:** | | | | | **190** |

ATAR Contribution

Students who receive a Units 3 and 4 sequence for VCE VET Cisco will be eligible for an increment towards their ATAR (10% of the average of the primary four scaled studies).

The increment is awarded by the Victorian Tertiary Admissions Centre (VTAC). Further information about the ATAR is available on the VTAC website:

* Study rules: <[www.vtac.edu.au/results-offers/atar-explained/study-rules](http://www.vtac.edu.au/results-offers/atar-explained/study-rules.html)>.
* Study groupings: <[www.vtac.edu.au/results-offers/atar-explained/study-groupings](http://www.vtac.edu.au/results-offers/atar-explained/study-groupings.html)>.

**Note:** From 2019, increments for unscored VCE VET programs will be calculated using 10% of the lowest study score of the primary four. The policy change is outlined in the *VTAC Gazette* Nov–Dec 2017: <[www.vtac.edu.au/files/pdf/publications/gazette/VTAC\_Gazette\_Nov-Dec\_2017.pdf](http://www.vtac.edu.au/files/pdf/publications/gazette/VTAC_Gazette_Nov-Dec_2017.pdf)>.

The VCE VET Cisco program does not offer scored assessment.

Additional information

For updates or information regarding this program, refer to:

* the VCE VET Cisco program page on the VCAA website:  
  <[www.vcaa.vic.edu.au/Pages/vet/programs/cisco/Cisco](http://www.vcaa.vic.edu.au/Pages/vet/programs/cisco/Cisco.aspx)>.
* the *VCAA Bulletin*:  
  <[www.vcaa.vic.edu.au/Pages/correspondence/index](http://www.vcaa.vic.edu.au/Pages/correspondence/index.aspx)>.