

## C4-BD35 Certificate IV in Information Technology Networking ICT40418

### Timetable: Semester 2, 2021

#### Enrolment instructions:

An enrolment instructional video may be found at the following link; [https://cit.edu.au/courses/professional/information\\_technology/C4-BD35](https://cit.edu.au/courses/professional/information_technology/C4-BD35) under the heading ICT Enrolment Information. Choose from either “new students”, or “current students (students with existing CIT number)”. These videos are generic and will provide instructions on how to enrol into classes for Semester 2 2021. **However, please read all the notes below as there is important information relating to recommended classes for all students. Students commencing at Certificate IV level for the first time must submit an application for the Certificate IV in Networking for Semester 2 2021, via CIT self-service, prior to choosing classes.**

#### Program Changes for 2022

The Certificate IV in Information Technology Networking is being offered with the existing program structure until the end of 2021. A new Training Package is being introduced in Semester 1 2022. This will mean changes from the existing program’s completion requirements to the requirements of a new program, for students that are not completing the current Certificate IV in Semester 2 2021. If you are a full-time student seeking to complete the Certificate IV in Semester 2 2021 or a continuing part-time student seeking to enrol and complete all of your remaining subjects in Semester 2 2021, you are able to do so under the existing program structure and should choose units according to the current program structure consisting of all units on the timetable.

The following advice is aimed at students who are not seeking to complete the Certificate IV in Semester 2 2021;

#### NEW AND CONTINUING STUDENTS THAT SEEK TO REMAIN IN THE CERTIFICATE III IN 2022;

**Program structures are changing in 2022, and there will be a number of changes to Certificate IV programs. If you are commencing your studies this semester, or you intend to continue studying the Certificate IV in 2022, we advise to choose from the classes indicated below.**

Stage 1 (new and continuing students)	Stage 2 (continuing students only)
<b>Introduction to Networks</b> <b>Copyright, Ethics and Privacy</b>	<b>Routing and Switching Essentials</b> <b>Scripting for Networks and Intro to Virtualisation</b>
<b>Network Installation and Administration</b> <b>Managed Desktops</b> (See notes Page 3- by end semester students should have completed both or neither)	<b>Network Design</b>
<b>Programming Concepts</b> (Will become a core unit for all streams) This class is currently available under the Certificate III in Digital Media, Information and Technology, and may be undertaken this semester under the Certificate III program only. Completion will transfer to the new Certificate IV package.	<b>Programming Concepts</b> (Will become a core unit for all streams) This class is currently available under the Certificate III in Digital Media, Information and Technology, and may be undertaken this semester under the Certificate III program only. Completion will transfer to the new Certificate IV package.

**Note:** You will need your Class Reference Numbers (CRNs) or Block Codes to enrol. You will find these in the timetable below.

## C4-BD35 Certificate IV in Information Technology Networking ICT40418

### Timetable: Semester 2, 2021

**The ICT department strongly advise that students complete a Certificate III in Information, Digital Media and Technology specialising in Network/Infrastructure stream prior to commencing this program. Please read all notes on the timetable before enrolling.**

#### STAGE 1

Competency Clusters	Description (Competencies delivered)	Class times	Enrolment Block Codes/CRNs
Introduction to Networks	<ul style="list-style-type: none"> <li>INFT 848 Install, configure and test an IP network (ICTTEN416)</li> <li>INFT 735 Install, operate and troubleshoot a small enterprise branch network (ICTNWK404)</li> </ul>	MON 1800–2100 Room: D204	INTRONET1
		TUE 1400–1700 Room: D204	INTRONET2
		FRI 0900-1200 Room: D204	Backup Only
Network Installation and Administration (See notes Page 3)	<ul style="list-style-type: none"> <li>INFT 462 Install and manage a server (ICTNWK401)</li> <li>INFT 1029 Install, configure and test network security (ICTNWK421)</li> </ul>	WED 1800 – 2100 Room: D211	NIA1
		FRI 0900-1200 Room: D217	Backup Only
		THU 0900 - 1200 Room: D217	NIA3
Managed Desktops (See notes Page 3)	<ul style="list-style-type: none"> <li>INFT 734 Manage network and data integrity (ICTNWK403)</li> <li>INFT 738 Configure a desktop environment (ICTNWK408)</li> </ul>	TUE 0900-1200 Room: D217	MDESKTOPS1
		TUE 1800-2100 D203	MDESKTOPS2
		THU 1300-1600 Room: D217	Backup Only
WHS Communications*	<ul style="list-style-type: none"> <li>OHSS 505 Participate effectively in WHS communication and consultative processes (BSBWHS304)</li> </ul>	FLEX (Students Advised to seek Core Time Teacher Interview)	Reid: 73635 Tuggeranong: 73632 Gungahlin: 73637
Copyright, Ethics and Privacy	<ul style="list-style-type: none"> <li>INFT 707 Contribute to copyright, ethics and privacy in an Information Technology (ICTICT418)</li> </ul>	Online	73999

\* You may have completed this competency as part of the Certificate III in Information, Digital Media and Technology  
All tutorials are optional for standard students, international students are required to attend all sessions.

**Note:** You will need your Class Reference Numbers (CRNs) or Block Codes to enrol. You will find these in the timetable below.

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## Stages and Semesters

Certificate IV programs operate in two stages outlining a standard full-time study program undertaken over 12 months. All students enrol into classes on a semester basis. Each stage corresponds to a semester of study. Students undertaking their first semester of study in the program should be choosing from Stage 1 classes only, students undertaking their second semester of study should be choosing from Stage 2 classes providing successful completion of Stage 1. Subjects in Stage 2 assume students have completed and understand concepts delivered in Stage 1.

## Competencies and Clusters:

Some classes deliver training across several competencies due to a close relation in content. The ICT Department refers to classes as Clusters (or classes), that may include one or more competencies. When choosing a class time in a cluster with several competencies, you are enrolling for every competency listed in that cluster. Students should choose only one corresponding class time for each cluster by entering the CRN's or Block code corresponding to each class time.

## Full-time Students:

Full-time students are normally able to complete the Certificate IV in Information Technology Networking over two semesters (1 year). However, as the program will be changing next year, a greater study load may be required in Semester 2 2022, or alternatively completion may be achieved over 18 months.

## Part-time Students:

Part-time students may choose to any number of classes (note that some competencies are delivered together in the one class and must be undertaken at the same time). The number of classes undertaken will determine the length of study required to complete the program. Part time students should concentrate on completing all subjects from Stage 1 before undertaking Stage 2 classes or seek advice from ICT staff. **However, the training package is changing next year, which will mean changes to the program structure. *If you are seeking to continue studies in at Certificate IV level in 2021, see information on elearn in the ICT Student Lounge.***

## **MANAGE DESKTOPS and NETWORK INSTALLATION ADMINISTRATION (Complete both or neither)**

All students undertaking studies in the networking elective stream should either seek to have completed **both** MANAGE DESKTOPS and NETWORK INSTALLATION ADMINISTRATION by the end of Semester 2 2021, **or to have undertaken neither**. Students that have completed one of these clusters only, are advised to take the remaining cluster this semester. Students who have not attempted either cluster should **either** enrol into both clusters **or** leave these competencies until 2022.

## C4-BD35 Certificate IV in Information Technology Networking ICT40418

Timetable: Semester 2, 2021 - STAGE 2. Please read all notes on the timetable before enrolling.

Competency Clusters	Description (Competencies delivered)	Class times	Enrolment Block Codes/CRNs
Routing and Switching Essentials	<ul style="list-style-type: none"> <li>INFT 849 Install, configure and test a router (ICTTEN417)</li> <li>INFT 851 Implement and troubleshoot enterprise routers and switches (ICTTEN419)</li> </ul>	<b>TUE 0900 - 1200</b> Room: D211 <b>Optional Lab:</b> <b>WED 1400 – 1700</b> Room: D211	ROUTING1
		<b>TUE 1800-2100</b> Room: D211 <b>Optional Lab:</b> <b>WED 1400 – 1700</b> Room: D211	ROUTING2
Scaling Networks (See notes Page 4)	<ul style="list-style-type: none"> <li>INFT 852 Design, install and configure an internetwork (ICTTEN420)</li> <li>INFT 853 Configure and troubleshoot advanced network switching (ICTTEN422)</li> <li>INFT 744 Install, operate and troubleshoot medium enterprise routers (ICTNWK507)</li> </ul>	<b>TUE 1300-1600</b> Online Tutorial/D211 <b>Optional Lab:</b> <b>WED 1400 – 1700</b> D211	SWITCHING1
		<b>THU 0900-1200</b> Room: D211 <b>Optional Lab:</b> <b>WED 1400-1700</b> D211	SWITCHING2
		<b>MON 1800-2100</b> Room: D211 <b>Optional Lab:</b> <b>WED 1400-1700</b> D211	SWITCHING3
Scripting for Networks and Intro to Virtualisation	<ul style="list-style-type: none"> <li>INFT 304 Create scripts for networking (ICTNWK409)</li> <li>INFT 1028 Install and configure virtual machines (ICTNWK420)</li> </ul>	<b>THU 1300-1600</b> Room: D204	SCRIPTING1
		<b>THU 1800-2100</b> D232	SCRIPTING3
Network Design	<ul style="list-style-type: none"> <li>INFT 376 Determine and confirm client business requirements (ICTICT401)</li> <li>INFT 739 Create network documentation (ICTNWK412)</li> </ul>	<b>MON 1300-1600</b> D204	NETDESIGN1
		<b>WED 1800-2100</b> D217	NETDESIGN2

All optional tutorials/labs are optional for standard students only, international students are required to attend all sessions.

**Note:** You will need your Class Reference Numbers (CRNs) or Block Codes to enrol. You will find these in the timetable below.

### Scaling Networks:

This class is only recommended for students that are seeking to complete the current Certificate IV in Networking program in Semester 2 2021. Student's that will be continuing study at Certificate IV level in 2022 are advised not to undertake Scaling Networks in the coming semester. Further information will be available via elearn in the ICT Student Lounge under transition.

### Term and Semester Dates 2021

Semester 1		Semester 2	
<b>Term 1</b>	Monday, 08 February 2021 - Thursday, 1 April 2021	<b>Term 3</b>	Monday, 26 July 2021 - Friday, 24 September 2021
<b>Term 2</b>	Monday, 19 April 2021 - Friday, 18 June 2021	<b>Term 4</b>	Monday, 11 October 2021 - Friday, 03 December 2021

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