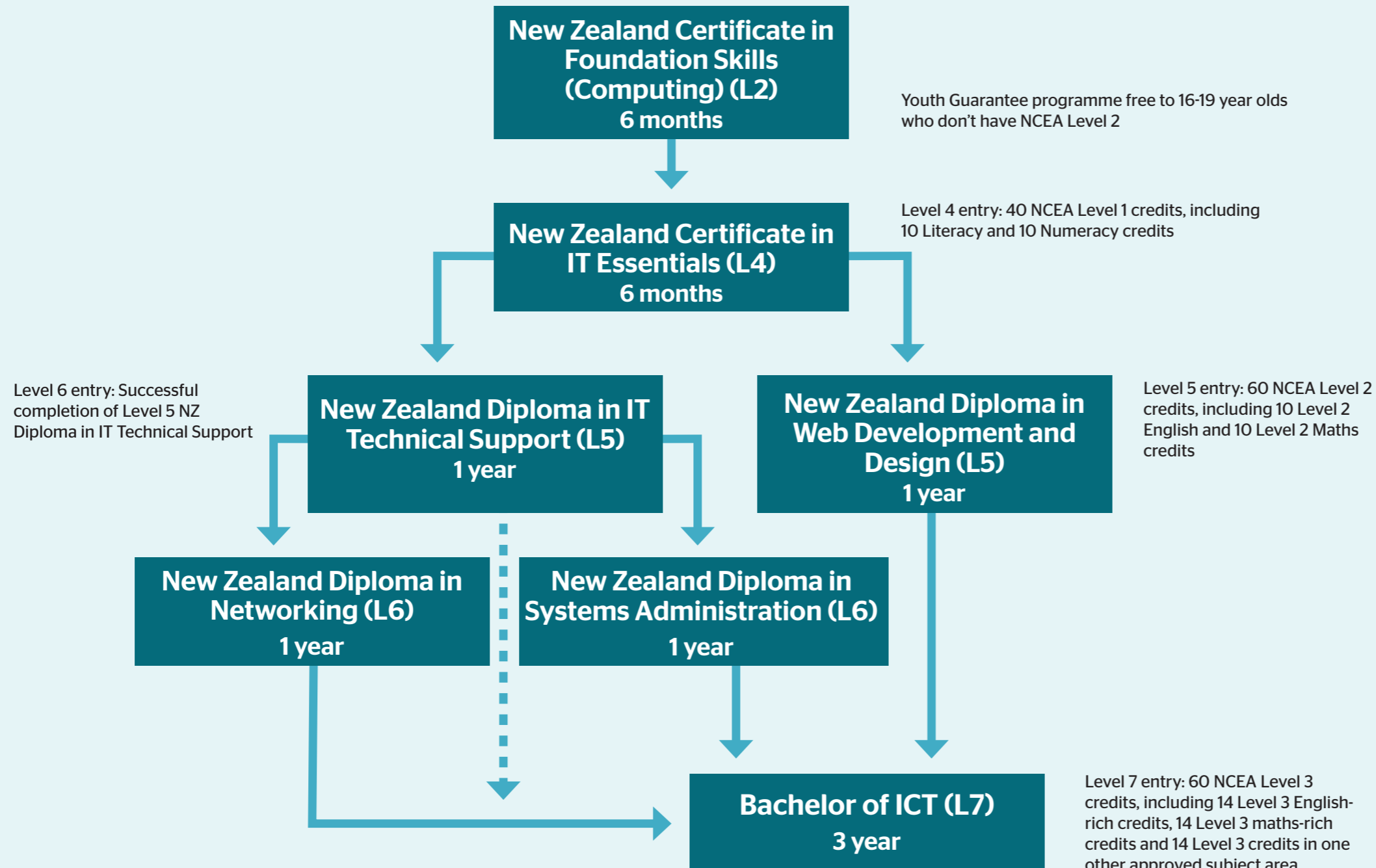


# PATHWAYS FOR CERTIFICATE AND DIPLOMA PROGRAMMES

Department of Computing



## Pathways



Students moving to the BICT from a Level 5 diploma can reduce the length of the degree by six months. Students moving to the BICT from a Level 6 Diploma can reduce the length of study by one year.

**For advice about these courses contact:**

**Graham Moore**

room N218, phone 940 8162

email: [graham.moore@ara.ac.nz](mailto:graham.moore@ara.ac.nz)

# PATHWAYS FOR CERTIFICATE AND DIPLOMA PROGRAMMES

Department of Computing



## NZ2862 New Zealand Certificate in Foundation Studies - Computing Pathway (Level 2)

(Youth Guarantee Computing programme)

Four compulsory 15-credit courses:

<b>FNES271</b> Essential Skills - Tuapapa	<b>FNSF272</b> Self - Rapu Ora	<b>FNPR274</b> Project - Ara Matauraka	<b>FNAL276</b> Active Learning - Rapu Pukekataka
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## NZ2594 New Zealand Certificate in IT Essentials (Level 4)

Four compulsory 15-credit courses:

<b>CITE401</b> Technical IT Skills	<b>CITE402</b> Media Design and Development	<b>CITE403</b> Information Management	<b>CITE404</b> Software Design and Development
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## NZ2596 New Zealand Diploma in IT Technical Support (Level 5)

Eight compulsory 15-credit courses:

<b>BCCS153</b> Computer Systems Architecture	<b>BCIT141</b> Website Development	<b>BCIT181</b> IT Concepts and Tools	<b>DTEC501</b> Programming Fundamentals
<b>BCCS191</b> Introduction to Networks	<b>BCCS199</b> Operating Systems	<b>DTEC502</b> Introduction to Databases	<b>DTEC503</b> Technical Support

## NZ2598 New Zealand Diploma in Web Development & Design (Level 5)

Eight compulsory 15-credit courses:

<b>BCCS153</b> Computer Systems Architecture	<b>BCIT141</b> Website Development	<b>BCIT181</b> IT Concepts and Tools	<b>DTEC501</b> Programming Fundamentals
<b>DTEC502</b> Introduction to Databases	<b>DWEB501</b> User Experience Design	<b>DWEB502</b> Website Project: Specification	<b>DWEB503</b> Website Project: Development

## NZ2600 New Zealand Diploma in Networking (Level 6)

Eight compulsory 15-credit courses:

<b>BCCS292</b> Routing and Switching Essentials	<b>BCIS202</b> IT Service Management	<b>BCIS206</b> Professional Practice	<b>DNET601</b> Wireless Local Area Networks
<b>BCCS293</b> Scaling Networks	<b>BCCS294</b> Connecting Networks	<b>DNET602</b> Network Security	<b>DNET603</b> Unified Communication

## NZ2601 New Zealand Diploma in Systems Administration (Level 6)

Eight compulsory 15-credit courses:

<b>BCCS253</b> Directory Services	<b>BCCS283</b> Network Infrastructure	<b>BCCS292</b> Routing and Switching Essentials	<b>BCIS206</b> Professional Practice
<b>BCIS202</b> IT Service Management	<b>BCCS254</b> System Infrastructure	<b>DSYS601</b> Systems Deployment	<b>DNET601</b> Wireless Local Area Networks

## NZ2599 New Zealand Certificate in Information Technology Practitioner (Level 6)

### Server Administration Strand:

Compulsory - CITP601 Professional Practice (10 credits), BCCS254 System Infrastructure (15 credits)

Elective - one of BCCS253 Directory Services (15 credits) or BCCS283 Network Infrastructure (15 credits)

### Network Administration Strand:

Compulsory - CITP601 Professional Practice (10 credits), BCCS292 Routing and Switching Essentials (15 credits)

Elective - one of DNET601 Wireless Local Area Networks (15 credits) or DNET603 Unified Communication (15 credits) or BCCS293 Scaling Networks or BCCS294 Connecting Networks (15 credits)

### Information Technology Security Strand:

Compulsory - CITP601 Professional Practice (10 credits), DNET602 Network Security (15 credits), BCCS292 Routing and Switching Essentials (15 credits)

Visit

**ara.ac.nz**

for full entry criteria for each programme