Postgraduate Diploma in Computing [PGDCG]

To be read in conjunction with Unitec's Academic Statute and associated Policies and Procedures.

These programme regulations apply to the Postgraduate Diploma in Computing [PGDCG] programme, which leads to the award of Postgraduate Diploma in Computing (Level 8) qualification, (120 Credits) [CA2271].

These regulations come into effect from Semester 1, 2022.

1. Ngā Ture Hei Whakaurunga | Admission Requirements *Admission Requirements comply with Unitec's Admission Requirements Guidelines.*	To be eligible for admission to this programme, all applicants must meet three admission requirements: a. Requirements for either general admission, special admission, or discretionary admission b. Any additional Programme specific requirements c. English language requirements **1.1 Whakaurunga Whānui | General Admission** To be admitted to this programme all applicants must be at least 16 years of age on the date of the programme's commencement for the semester in which they wish to enrol, and meet the following requirements: a. A recognised bachelor degree in the same or similar discipline, with merit achievement, deemed to be an average grade of B- or higher in all Level 7 courses; *Or* b. A professional qualification in a relevant discipline, recognised as being equivalent to merit achievement in a bachelor degree or equivalent **1.2 Whakaurunga Motuhake | Special Admission** Special admission may be granted to applicants who have completed a Graduate Diploma (or equivalent qualification) in the same or similar discipline with a B grade average or better. Applicants must have: d. attained the age of 20 years on or before the first day of the semester in which study for the programme is to commence; and e. provided sufficient evidence of aptitude or appropriate work or other life experience that would indicate a successful outcome in the qualification. **1.3 Whakaurunga Kōwhiringa | Discretionary Admission** There are no provisions for discretionary admission in this programme. **1.4 Whakaurunga Tautui | Programme Specific Requirements** There are no programme specific requirements for this programme. **1.5 Whakaurunga Reo Pākehā | English Language Admission Requirements** All applicants must provide evidence that they have the necessary English language proficiency required for the Programme as demonstrated by the equivalence of a minimum of eight credits at NCEA Level 2 in English (four in reading; four in writing). International applicants and any Domestic applicant for whom English, Māori or NZ Sign is not their first language and who cannot provide evidence of the above must also provide evidence that they have the necessary English language proficiency required for the Programme as demonstrated by an equivalent described in NZQA Rules and on the Unitec English Language Requirements for International Students Web-page.
2. Paearu Kōwhiri Tukanga|	**2.1 Paearu Kōwhiri | Selection Criteria** When the number of eligible applicants for admission exceeds the number of places available, the following selection criteria will be applied: • professional qualifications that are relevant to the proposed field of study;

Selection Criteria & Process *Selection Criteria and Processes comply with Unitec's Admission Requirements Guidelines.*	• assurance of commitment to undertaking all aspects of the programme and to meeting the learning outcomes; • recommendation from employers; • academic and technical aptitude; • relevant work experience. Applicants who meet the maximum number of listed criteria will be the preferred candidates **2.2 Tukanga Kōwhiri | Selection Process** Selection will be made by Unitec staff members with the delegated authority to offer places to applicants. These staff members will select students on the basis of written information supplied on the enrolment form. At the discretion of the staff members, an interview (face-to-face or electronic) may be required. A list of delegated staff members is maintained by the Programme Academic Quality Committee (PAQC) responsible for the programme.
3. Ngā Ture Hei Whakawhiwhi Tohu Mātauranga | Requirements for the Award of the Programme *Requirements comply with Unitec's Programme Completion and Awards Policy and associated procedure.*	**3.1 Whakaemi Tūtukitanga | Credit Accumulation** To be awarded the Postgraduate Diploma in Computing, a student must successfully complete a minimum of 120 credits in the pattern set out in Table 1 from the courses set out in Table 2. *Table 1: Credit Requirements for Postgraduate Diploma in Computing*

Course Level	Required Credits	Total Credits
Level 8 Elective courses	90 credits	90 credits
Level 7 or 8 Elective courses	30 credits	30 credits
Total	**120 credits**	**120 credits**

3.1.1 Whakaaetanga o nga akoranga ako \| Approval of Courses of Study
A student shall obtain approval from the relevant Academic Authority for the selection of courses to be undertaken.
In exceptional circumstances, the relevant Academic Authority may recommend a personal (modified) programme of study that does not conform to that set out in these Programme Regulations (see 3.1.2). Such approval shall be noted in the approvals register of the relevant Academic Authority.

3.1.2 Hōtaka Whakarerekē O Ngā Āhuatanga Ako \| Modified Programmes of Study
Modified programmes of study allow students to achieve the award of this qualification by undertaking a modified set of courses which may differ from those specified in Table 2. Any approved modified programmes of study will be documented described in the Schedule below. |

Table 2: Course Details – Postgraduate Diploma in Computing
Compulsory courses are shown in **bold** and Elective courses in *italics*.

Course No	Course Name	Credits	Pre- requisites	Co-requisites	Restrictions
Level 7					
An approved level 7 course from the Bachelor of Computer Science		**15**	*Academic Leader approval*		
Level 8					
ISCG8022	*Managing IT Projects*	*15*			
ISCG8024	*Research Methods in Computer Science*	*30*	*Academic Leader approval*		
ISCG8026	*Introduction to Data Science*	*15*			
ISCG8028	*Negotiated Study*	*15*			
ISCG8029	*Special Topic*	*15*	*As required*		
ISCG8030	*Enterprise Network Design and Management*	*15*			
ISCG8038	*Advanced Web Development*	*15*			
ISCG8040	*Enterprise Network Information Security Management*	*15*			

ISCG8041	Mobile and Wireless Communications	15			
ISCG8043	Adaptive Business Intelligence	15			
ISCG8044	Health Informatics	15			
ISCG8045	Network Programming	15			
ISCG8046	Cloud Computing	15			
ISCG8047	Cyber Security and Cloud Computing	15			
ISCG8048	Mobile Security	15			
ISCG8049	Data Warehouse Architecture	15			
ISCG8050	Machine Learning	15			
ISCG8051	Software Defined Networks	15			
ISCG8052	The Internet of Things	15			
Or an approved Level 8 course from another Unitec Post-graduate Programme (max. 15 credits)					

	3.2 Mahi Waehanga Pāhekoheko | Integrated and Work-based components There are no specific integrated or work-based components in this programme **3.3 Mahi Akoranga I A Wāhanga | Course Load per Semester** The normal full-time course load is 60 credits per semester, or 75 credits with the approval of the relevant academic authority. **3.4 Whakaurunga Takiwā | Enrolment Periods** a. The maximum period for completion of a postgraduate diploma will normally be 36 months from the date of commencement of study. b. In exceptional circumstances, the relevant Academic Authority may agree to an extension of enrolment of no more than six months. c. Enrolment in a postgraduate diploma will normally be continuous. The relevant Academic Authority may, on receipt of an application from a candidate, approve a suspension of enrolment for up to a maximum of 6 months. In such cases the period of suspension will not count towards the registration period of the postgraduate diploma.

4. Tūtukitanga Whakamihi | Credit Recognition
 	
Credit Recognition complies with Unitec's Assessment, Moderation and Grades Policy and associated procedure.
	4.1 Whakawhiti Tūtukitanga | Cross Credit
	Credits will not be awarded for successful study that took place more than 5 years prior to the date of first enrolment in the programme.
	a. A student may be awarded credits or exemptions in recognition of successful equivalent study, at the same or a higher level in the context of another programme.
	b. The credit recognition may be:
	   i. specified, where there is direct equivalence of the learning outcomes of a completed course and a course in the programme; or
	   ii. unspecified, where the previous study has taken place in a programme with a similar philosophy but there is no exact match in the programme's courses.
	
	4.2 Aromatawai Tōmua | Assessment of Prior Learning (APL)
	Assessment of Prior Learning is available for all courses in this programme. APL decisions will be made on a case-by-case basis under the Unitec Assessment of Prior Learning Procedure.

5. Waeture Aromatawai | Assessment Regulations *Assessment Regulations comply with Unitec's Assessment, Moderation and*	**5.1 Paparahi Aromatawai | Assessment Basis** Assessment in this programme is achievement based using an 11-point grading scale for courses. Students must obtain at least 50% overall score in any achievement-based course in order to pass that course. **5.2 Ākoranga Taumata | Course grades** Course grades will be determined by the mathematical aggregation of weighted assessment marks and reported according to the following scales. Participants must obtain at least 50% overall score in order to pass achievement-based assessment. ***Table 3: Achievement based 11-point assessment system*** Grade Meaning Result Percentage

Grades Policy and associated procedure.	A+	Distinction	Credits Earned	90 – 100
	A	Distinction	Credits Earned	85 – 89
	A-	Distinction	Credits Earned	80 – 84
	B+	Merit	Credits Earned	75 – 79
	B	Merit	Credits Earned	70 – 74
	B-	Merit	Credits Earned	65 – 69
	C+	Pass	Credits Earned	60 – 64
	C	Pass	Credits Earned	55 – 59
	C-	Pass	Credits Earned	50 – 54
	D	Fail	No Credits Earned	40 – 49
	E	Fail	No Credits Earned	0 – 39

5.3 Paearu Taumata | Grade Criteria

Students may be awarded one of the following grades for a course:

Table 4: Grade Criteria

Grade	Meaning	Criteria
CR	Credit Recognition	The student has applied for and been awarded a credit recognition from another qualification
CTG	Continuing	The Course runs for more than one semester and the final Summative Assessment has not yet occurred. No Credits earned
DEF	Deferred	The student has approval to complete a Course Assessment beyond the schedule date. Unless an exception has been approved, any Deferred Grade remaining on a student's record beyond a duration equal to that of the original course will be changed to the grade to which the Student would otherwise be entitled. No Credits earned.
DNC	Did not Complete	The grade DNC (Did Not Complete) is recorded if a student has either withdrawn after 75% of the scheduled Course duration; or not attempted a compulsory item of Assessment within a Course. No Credits earned.
ES	Student Exchange	The Student has completed an approved inter-institutional exchange and it is not appropriate for another grade to be awarded. No Credits earned.
NGA	No Grade Associated	Course assessment and reporting of results are not required for this course or are carried out by an external agency. No Credits earned
R	Restricted Pass	The student has been awarded a restricted pass subject to Relevant clause in this schedule. Credits earned.
W	Withdrawn	The student withdraws from a Course after 10% of the scheduled Course duration and up to, or at, the date at which 75% of the scheduled Course has passed. No credits earned.
#	Estimated Grade	If any portion of Summative Assessment has been estimated, the final grade will be an estimated grade, and annotated "#" on the Student's Academic Record.

| 6. Aromatawai Mahinga | Assessment Procedures | **6.1 Ākoranga Aromatawai | Course Assessment**
Courses employ both formative and summative assessment activities. Formative assessments do not contribute to the final grade for a given course. All summative assessment elements are compulsory unless otherwise approved and noted in course information. |

Assessment Procedures comply with Unitec's Assessment Moderation and Grades Policy and associated procedure.	Students must attempt all compulsory assessment activities in order to pass and receive credit for any course. Students who do not attempt a compulsory item of assessment may be awarded a 'Did Not Complete' (DNC) for the whole course and may not earn any credits.
	
	6.2 Aromatawai I Roto I Te Reo | Assessment in Te Reo
	All students have the right to submit any summative assessment task in Te reo Māori. The process for submission of summative assessment work in Te reo Māori is governed by the Unitec Assessment in Te Reo Māori procedure and detailed in course material.
	
	6.3 Tāpaetanga Tōmuri | Submission and late submission of work
	Unless an extension has been granted by the relevant Academic Authority and except in exceptional circumstances beyond the control of the candidate, no late work will be accepted for marking.
	
	6.4 Whakamātautau Anō | Resubmission or Reassessment
	a. A student may be granted permission to undertake a resubmission/reassessment for a failed assessment item with the following conditions:
	    i. an application for a resubmission/reassessment must be made within 5 days of receiving their marked assessment;
	    ii. only one reassessment or resubmission per course;
	    iii. no more than 30 per cent of the course value of assessment may be submitted for re-assessment;
	    iv. any approved resubmission/reassessment will be carried out within a specified time period as agreed with the relevant academic authority;
	    v. in all cases for resubmission, the original marked assessment will accompany resubmitted assessment. If resubmitted work is not accompanied by the original marked assignment, the resubmitted work will not be marked, and the original grade will stand;
	    vi. the maximum grade for any resubmission/reassessment of an assessment is the lowest pass grade;
	    vii. assessments that are handed in late are not eligible for resubmission or reassessment.
	
	6.5 Āhuatanga Aromatawai Motuhake | Affected Performance Consideration
	A student may apply for Affected Performance Consideration (APC) if:
	a. The student is unable to attend an examination, compulsory assessment or fixed time and place assessment activity due to illness, injury, bereavement or other critical circumstances
	b. The student's preparation for, or performance in an examination or any summative assessment has been seriously impaired due to circumstances beyond their control
	Applications for APC are made by a student within 5 working days of the affected assessment event. Decisions to approve an APC and to apply any remedy are made according to the Assessment and Grading Procedures and Regulations.
	
	6.6 Pāhi Rāhui | Restricted Pass
	No restricted passes shall be awarded for courses in this programme.
	
	6.7 Tuaruatanga | Repeating Courses
	Any Student enrolled in a level 8 course that comprises part of a postgraduate programme does not have an automatic right to re-enrol. Students must apply for permission to re-enrol to the relevant Academic Authority (see 6.8c below). There is no provision for third time enrolment for a course that comprises part of a Postgraduate Programme
	
	Students who are given permission to repeat a course would normally be required to submit all assessment items. In some cases, with the prior approval of the relevant academic authority, students may not be required to repeat an equivalent assessment item that they had previously passed. This should be negotiated within the first two weeks of the commencement of the course and will specify any course grade that will be carried over.
	
	6.8 Whakakorenga | Exclusions

	No student will be allowed to enrol in any course more than twice unless there are exceptional circumstances approved by the relevant academic authority. a. Any Student who fails to achieve at least 50 per cent of the credits that he or she is enrolled in in any 12-month period may be excluded by the relevant Academic Authority from re-enrolling in any further courses. The decision whether students can re-enrol in further courses will be based on a student's likelihood of succeeding in further study and will be made by the relevant Head of School. b. When calculating the 12-month period in a. above, Unitec reserves the right to include any relevant time spent by the Student studying at another tertiary institution. c. A Student who has not achieved a Pass Grade for a level 8 Course shall not be enrolled again for that Course except with the permission of the relevant Academic Authority. d. The relevant Academic Authority will advise the Student in writing of their decision, and the reasons for such decision, and any orders made. **6.9 Examination Regulations** Any examinations in this programme are governed by the Unitec Examinations Regulations Policy. **6.10 Tono Pīra | Appeals** Students may appeal the decisions made under these regulations in accordance with the Student Appeal Procedure.
7. Whakaritenga Whānui | General Provisions	**7.1 Whakamāramatanga ā-kaupapa | Definition of Terms** In these regulations, unless the context otherwise requires, the following definitions shall apply: • 'Relevant academic authority' refers to an individual or role holder, or in some cases a committee, who have been delegated the authority to make a decision within a specific circumstance. A schedule of the various relevant academic authority delegations is maintained by the Programme Academic Quality Committee responsible for the Programme.

8 Āhuatanga Tauwhirowhiro Ritenga \| Transitional Arrangements

Any students who failed a course prior to the current year of offering and which is no longer offered may apply to complete an alternative course under a modified programme of study.

9. Regulation Version Control

Ver No.	Approved by	Date of Change	Effective from	Description of change
1	Various	Various	Various	As noted in previous versions of Ragulations.
2.1	AACSC	10/08/2021	2022-Sem1	• Reformatted to new template • Deletion of inactive elective courses that are no longer taught: ISCG8025, ISCG8031, ISCG8032, ISCG8033, ISCG8035, ISCG8036, ISCG8042. • Remove all unnecessary requisites affecting enrolment from ISCG8029, ISCG8045, ISCG8049.