

PROGRAMME REGULATIONS

Programme Schedule

National Diploma in Surveying

To be read in conjunction with the [Diploma Generic Regulations](#).

1. Regulations for the Diploma

These regulations apply to the National Diploma in Surveying (NDS) (Level 6, 240 credits).

2. Programme Specific Admission

2.1 Specific Admission

The General Admission requirements set out in the Diploma Generic Regulations do not apply to this programme. To be admitted to this programme, applicants must meet the following requirements:

- a minimum total of 48 NCEA credits at level 2 in four subjects, including at least 12 credits in Mathematics (in Algebra, Calculus and Trigonometry), or;
- equivalent qualifications (e.g. International Baccalaureate or Cambridge), or;
- equivalent credits from appropriate trades training and/or demonstrated skills and experience;
- a minimum of 8 literacy credits at level 1 or higher including 4 reading and 4 writing.

The English language requirements for international students set out in the Diploma Generic Regulations also apply to applicants for whom English is a second language.

2.2 Language Requirements

In addition to meeting the minimum entry criteria, those applicants for whom English is a second language (including international students) must meet the following language requirement:

- Overall Band Score (Academic) of 6.0 IELTS, with no individual score less than 5.5, or equivalent.

3. Selection Criteria

All applicants who meet the entry criteria are eligible for selection.

4. Selection Process

Applicants may be invited to an interview and may be required to produce a work-based portfolio (where appropriate). Eligible applicants will be selected using a range of selection criteria, including:

- Previous academic achievement relevant to the Diploma programme, which may be determined through the use of a diagnostic assessment
- Communication skills
- Motivation to complete the programme
- Life or work experience in, or appropriate to, the programme
- Ability to participate in field work aspects of the programme where relevant.

The professional judgement of academic staff involved will be used to determine those applicants who are judged to be the most appropriate for entry to the programmes.

5. Special or Discretionary Admission

An applicant who does not meet all of the entry criteria, may be given entry to the programme at the discretion of the Programme Committee/Head of Department where it is considered that the student has a reasonable chance of succeeding in the qualification.

6. Requirements for the Award of the Qualification

6.1 National Diploma in Surveying

To be awarded the National Diploma in Surveying (Level 6, 240 credits); a student must successfully complete all courses in Table 1A plus one of the two courses in Table 1B.

Table 1A: Course Details – Compulsory Courses

Level	Course No.	Course Name	Credits	Pre-requisites	Co-requisites	Restrictions
Level 4						
4	ENGG4102	Surveying Mathematics	15			
4	ENGG4103	Technical Literacy	15			
4	ENGG4202	Land Surveying 1	15			
4	ENGG4501	Surveying Studies 1	15			
4	ENGG4502	Survey Computations	15	ENGG4202		
4	ENGG4503	Surveying Software	15			

Level	Course No.	Course Name	Credits	Pre-requisites	Co-requisites	Restrictions
Level 5						
5	ENGG5202	Civil and Structural Drawing	15	ENGG4103		
5	ENGG5205	Engineering Surveying 1	15	ENGG4202		
5	ENGG5503	Land Administration	15			
5	ENGG5504	GNSS Studies	15	ENGG4502		
Level 6						
6	ENGG6101	Engineering Management	15			
6	ENGG6207	Land Surveying 2	15	ENGG4202		
6	ENGG6506	Geodetic Surveying	15	ENGG4102 ENGG4202		
6	ENGG6507	Cadastral Surveying	15	ENGG4202 ENGG5503		
6	ENGG6510	Geographic Information Systems	15			NSCI6743

Table 1B: Course Details – Elective Courses

Level	Course No.	Course Name	Credits	Pre-requisites	Co-requisites
Level 6					
6	ENGG6508	Land Development Concepts	15	ENGG5202	
6	ENGG6509	Survey Industry Project	15	ENGG5202	

7. Credit Recognition and Exemptions

- Subject to clause 1.1.1.1) in the Diploma Generic Regulations, the Programme Committee may award a student credit recognition or exemptions in recognition of successful equivalent study, at the same or a higher level in the context of another programme.
- Credit recognition will normally not be awarded for successful study that took place more than 5 years prior to the date of first enrolment in the diploma.
- The credit recognition may be:
 - specified, where there is direct equivalence of the learning outcomes of a completed course and a course in the diploma; or
 - 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.

8. Assessment of Prior Learning

Assessment of Prior Learning is available for all courses in this diploma.

9. Assessment

9.1 General

All assessment is achievement based using an 11 point grading system.

9.2 Calculation of course grades

- a. Course grades are calculated by the mathematical aggregation of weighted assessments using the following conversion:

Table 2: Course Grades

Grade	Percentage	Result
A+	90 – 100	Pass
A	85 – 89	Pass
A-	80 – 84	Pass
B+	75 – 79	Pass
B	70 – 74	Pass
B-	65 – 69	Pass
C+	60 – 64	Pass
C	55 – 59	Pass
C-	50 – 54	Pass
D	40 – 49	Fail
E	0 – 39	Fail

- b. Students must achieve a minimum of 40% in both aggregated coursework marks and in any final examination, with an overall grade of C- or better, to pass each course.
- c. Students who do not meet the threshold criteria of 40% in their coursework will receive an 'E' grade unless they choose to sit the final examination and then may achieve the maximum of a 'D' grade.
- d. Students may be awarded one of the following grades for a course if they meet the criteria described:

Table 3: Grade Criteria

Grade	Meaning	Criteria
CR	Credit Recognition	The student has applied for and been awarded a credit recognition from another qualification
DEF	Deferred	The course result has been deferred
R	Restricted Pass	The student has been awarded a restricted pass subject to clause 8.4 of this schedule
W	Withdrawn	The student has formally applied to withdraw from the course prior to the completion of the course's final assessment
DNC	Did Not Complete	A student will be awarded a 'DNC' grade if that student fails to submit or sit less than 50% of the prescribed assessment events in the course, and he or she has not formally withdrawn from the course

9.3 Coursework

- a. The due dates for all summative assessment work will be notified in course information.
- b. Applications for assessment extensions must be made in writing to the Course Coordinator prior to the submission date.
- c. Work received up to one week after the submission date without approval will incur a reduction of grades.
- d. Work received after 7 days from the due date without approval will receive a fail grade.

9.4 Resits and resubmissions

- a. Students are entitled to one resit or resubmission of each failed assessment event with the exception when the final assessment occurs within the last three weeks of the course.
- b. All resits and resubmissions will be carried out within a specified time period from the time the original assessment was returned, or results made available. In all cases, the original marked assignment will accompany resubmitted assignments. If resubmitted work is not accompanied by the original marked assignment, the resubmitted work will not be marked and the original grade will stand.
- c. The maximum grade for any resit/resubmission of competency based assessment is 'P'. In all cases the grade achieved on resit/resubmission will be the grade used in calculating the overall course grade.
- d. Students may resit a test or resubmit an assignment provided the first attempt at the assessment is a reasonable first attempt. Judgement of this will be at the lecturer's discretion.

10. Commencement

These regulations came into force in Semester 2, 2014.