

19 September 2017

## Phase-out of the National Diploma in Surveying, ND: Cartography (GISc) and Phase-in of the Diploma in Geomatics

Current (2017) **second** and **third** year students will complete the National Diploma.

The following information apply to **2017 first year** students ONLY:

The Department of Civil Engineering and Surveying will be replacing the existing National Diploma: Surveying and ND: Cartography (GISc) with a Diploma in Geomatics from January 2018.

The purpose of introducing this new qualification is to align with the new Higher Education qualification sub-Framework (HEQSF) as Gazetted by the South African Department of Education on 2 August 2013. This is a requirement placed on all Higher Education institutions.

Pipeline students will be allowed a certain period to complete the National Diploma Surveying or ND: Cartography (GISc), after which they will be articulated into the Diploma. Students who are returning to complete their qualification will be admitted on the current National Diploma (ND) qualification if it is still offered at the time of their return. If the qualification has been phased out, they will be articulated into the Diploma.

### National Diploma Surveying and ND: Cartography (GISc) phase-out plan

Year	Remarks
2017	<p>Last intake for first year students</p> <p>Current ND – 1<sup>st</sup> year Current ND – 2<sup>nd</sup> year Current ND – 3<sup>rd</sup> year</p> <p>National Diploma <b>Surveying</b> and ND: Cartography (GISc) students who have passed all S1 and S2 subjects in 2017 will continue with the ND year two in 2018.</p> <p>Students who have failed one or two subjects must register for these subjects in the Diploma in 2018 and apply for internal recognition thereafter. Students who have failed more than two subjects will be moved to the HEQSF aligned Diploma that starts in 2018.</p>
2018	<p>Dip – 1<sup>st</sup> year Current ND – 2<sup>nd</sup> year Current ND – 3<sup>rd</sup> year</p> <p>National Diploma <b>Surveying</b> students who have completed in-service training in 2018 will continue with the ND year three subjects in 2019.</p> <p>National Diploma <b>GISc</b> students who have passed all S3 and S4 subjects in 2018 will continue with the ND year three subject (in-service training) in 2019. Students who have S3 and/or S4 subjects outstanding by the end of 2018 will repeat it in the National Diploma.</p>
2019	<p>Dip – 1<sup>st</sup> year Dip - 2<sup>nd</sup> year Current ND – 3<sup>rd</sup> year</p> <p>Students who have S3 and/or S4 subjects outstanding by the end of 2019 will need to register for the equivalent subject in the Diploma and apply for internal recognition of the subject. (A list of subjects and their equivalent subjects are listed below).</p>

**Equivalent subjects: National Diploma Surveying / Cartography (GISc) and Diploma in Geomatics**

Diploma in Geomatics	National Diploma Surveying / Cartography (GISc)
<p><b>First year</b>            Computer Skills            Surveying 1A: Theory            Surveying 1A: Practical            Technical Drawing 1            Topographical Drawing 1            Communication Skills            Mathematics 1            Surveying 1B: Theory            Surveying 1B: Practical            Geography 1            Physics            Computer Aided drafting</p> <p><b>Second year</b>            Mathematics 2            Statistics 2            Photogrammetry 2            Geographic Information Systems 2            Civil Engineering            Map projections 2            Spatial Data Acquisition 2            Database Theory 2            Survey software            Control Surveying 2 (Theory) (Survey stream)            Control Surveying 2 (Practical) (Survey stream)            Cartography (GISc stream)</p> <p><b>Third year</b>            Land law            Management</p> <p><b>Survey stream</b>            Adjustment of Errors 3            Cadastral Surveying 3            Surveying 3            Surveying Industrial project</p> <p><b>GISc stream</b>            Data quality management 3            Remote sensing 3            Spatial analysis 3            GIS Industrial project</p>	<p><b>First year</b>            Computer Skills 1A            Surveying 1 (Theory)            Surveying 1 (Practical)            Technical Drawing 1            Topographical Drawing 1            Communication Skills 1            Mathematics 1            Surveying 2 (Theory)            Surveying 2 (Practical)            Geography 1            Physics 1            Computer Skills 1B</p> <p><b>Second year</b>            Mathematics 2            Statistics 1            Photogrammetry 2            Geographic Information Systems 3            Civil Engineering 1            Map projections 2            Spatial Data Acquisition 3            Computer Applications 3 (Database) 3            Computer Applications 3 (CAD) 3            Control Surveying 3 (Theory)            Control Surveying 3 (Practical)            Cartography 3</p> <p><b>Third year</b>            Legal Principles 1            Management: Civil 1</p> <p><b>Survey stream</b>            Adjustment of Errors 3            Cadastral Surveying 3            Surveying 3            Survey Practice 2</p> <p><b>GISc stream</b>            Data quality management 3            Remote sensing 3            Spatial analysis 3            Geospatial Practice 2</p>

Students are requested to **sign the attached acknowledgement form** that they were informed of the Phase-out of the National Diploma Surveying / Cartography (GISc) and Phase-in of the Diploma in Geomatics. Acknowledgement forms to be submitted to the Departmental secretary by **no later than 29 September 2017.**

Yours sincerely



Ms A Kamalie,  
 Head of Department

19 September 2017

**Acknowledgement of information regarding the Phase-out of the National Diploma Surveying /  
Cartography (GISc) and Phase-in of the Diploma in Geomatics**

I hereby acknowledge receipt of information regarding the Phase-out of the National Diploma Survey / Cartography (GISc) and Phase-in of the Diploma in Geomatics.

I understand that if I have not progressed to year two of the National Diploma Survey / Cartography (GISc) by the end of 2017, I will be transferred to the Diploma in Geomatics and will repeat year one.

I am aware that there will be financial implications if I am transferred to the Diploma based on my academic performance.

I accept to comply with any appropriate actions to overcome any unforeseen WIL implications that may occur due to the phase-out of the National Diploma.

\_\_\_\_\_  
Name:

\_\_\_\_\_  
Student Number:

\_\_\_\_\_  
Signature:

\_\_\_\_\_  
Date:

\_\_\_\_\_  
Signed at: