



**Faculty of Engineering & the Built Environment
NSC (National Senior Certificate) Entrance Requirements for 2014**

These are guidelines for applicants who are writing, or have written the South African National Senior Certificate (NSC). Applicants may be waitlisted. Engineering programme applicants may be considered for ASPECT (Academic Support Programme for Engineering in Cape Town).

National Benchmark Tests (NBT)

All applicants normally resident in South Africa must write the NBTs in Academic Literacy, Quantitative Literacy and Mathematics. The results of these tests will be used in the calculation of the EBE Faculty Points Score (FPS). NBT results will also be used for placement (eg on the basis of NBT results we may offer an applicant a place in ASPECT).

Mathematics Paper 3

Taking Mathematics Paper 3 as part of the NSC is not compulsory, but could provide additional FPS points.

Calculating the Engineering & Built Environment (EBE) Faculty Point Score (FPS) score:

- Step 1 : Add up your 6 NSC subject percentages and divide the total by 12 (see below for which subjects to use).
- Step 2: Add up your 3 NBT test scores and divide the total by 6.
- Step 3: If you wrote Maths Paper 3, take your score and multiply it by 0.03. If you did not write Paper 3, skip this step.
- Step 4: Add up the results of Steps 1 to 3. This is your Faculty Points Score (FPS).

Which subjects to include in your calculation:

Engineering Programmes, Construction Studies and Geomatics programmes

Score English, Mathematics and Physical Science and your three next best subjects excluding Life Orientation.

Architectural Studies Programme

Score English and Mathematics or Physical Science and your four next best subjects excluding Life Orientation.

Property Studies Programme

Score English and Mathematics and your four next best subjects excluding Life Orientation.

REQUIREMENTS FOR AN OFFER OF AN ACADEMIC PLACE		
Programme	Redress Categories	Open Category and International Applicants
Engineering (all programmes)	70 EBE FPS points Mathematics \geq 80% Physical Sciences \geq 70% NBT scores of Intermediate or Proficient for AL, QL and Maths	80 EBE FPS points Mathematics \geq 80% Physical Sciences \geq 70% NBT scores of Intermediate or Proficient for AL, QL and Maths
Architectural Studies	58 EBE FPS points Mathematics or Physical Sciences \geq 50% NBT scores of Intermediate or Proficient for AL, QL and Maths BAS Portfolio weighted 50% Offers for the limited places are made on a competitive basis.	58 EBE FPS points Mathematics or Physical Sciences \geq 50% NBT scores of Intermediate or Proficient for AL, QL and Maths BAS Portfolio weighted 50% Offers for the limited places are made on a competitive basis.
Geomatics	60 EBE FPS points Mathematics \geq 70% Physical Sciences \geq 60% NBT scores of Intermediate or Proficient for AL, QL and Maths	70 EBE FPS points Mathematics \geq 75% Physical Sciences \geq 65% NBT scores of Intermediate or Proficient for AL, QL and Maths
Construction Studies	62 EBE FPS points Mathematics \geq 70% Physical Sciences \geq 60% NBT scores of Intermediate or Proficient for AL, QL and Maths	75 EBE FPS points Mathematics \geq 75% Physical Sciences \geq 65% NBT scores of Intermediate or Proficient for AL, QL and Maths
Property Studies	62 EBE FPS points Mathematics \geq 70% NBT scores of Intermediate or Proficient for AL, QL and Maths	75 EBE FPS points Mathematics \geq 75% NBT scores of Intermediate or Proficient for AL, QL and Maths