

“Think in other Terms”

Industrial and Manufacturing Engineering <i>(5 years)</i>	3 'A' level passes in Maths and Physics plus Chemistry / Computer Science/ Engineering Drawing . OR - a National Diploma or equivalent in the following areas: Mechanical, Production, Planting Engineering, Draughting and Design and Refrigeration or National Certification in the trade of Mechanical Engineering plus two relevant points at 'A' level.	Engineer : manufacturing, productivity Specialist , quality Control/ Assurance , Lecturer, Researcher, Design, develop, test, install, operate and maintain and evaluate integrated systems of people, equipment, material, information and energy for managing industrial production processes. Work as Engineers in Consulting Health care.
Textile Technology <i>(4 years)</i>	'A' level passes in Mathematics, Chemistry and a third approved subject such as Physics/ Biology.	Plastic Industry, Weaving Industry, Yarn Industry, Printing Industry, Clothing Industry, Research Organisations, Jeans Organisation, Lecturing Organisations, Tyre Manufacturing, Paper Industry, Technical Textile Industries Automative Industries .



STUDY @ NUST

in the

Faculty of Industrial Technology

For admission to any undergraduate programme applicants normally should have passed the ZIMSEC/Cambridge School Certificate examination or equivalent, and have five 'O' Level subjects including English Language and Mathematics at grade 'C' or better.



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Degree Programme	Entry Requirements	Career Prospects (<i>but are not limited to these</i>)
Chemical Engineering <i>(5 years)</i>	3 'A' level passes in Mathematics and Chemistry plus Physics/Biology. OR Relevant National Diploma plus 2 years post—qualification experience. OR Relevant Higher National Diploma plus 1 year working experience.	Design chemical plant equipment and devise processes for manufacturing chemicals and products, such as fuel, synthetic rubber, plastics, detergents, cement, paper and pulp. Can be employed in Mines, Process Industry, Food and Beverage Industry.
Civil and Water Engineering <i>(5 years)</i>	3 'A' level passes in Mathematics and Physics plus Chemistry / Computer Science/ Engineering/Drawing. OR National Diploma in Civil Engineering. At least 2 years post qualification working experience. Have at least passed five 'O' Levels with Mathematics, English Language and a Science subject. Applicants must be 25 years old.	Perform engineering duties in planning, designing and overseeing construction and maintenance of building structures and facilities such as roads, railways, airports, bridges, channels, dams, irrigation projects, pipelines, power plants and water and sewage systems and waste disposal units. Work as a Town Engineer, Civil Engineer, Road Engineer, Consultancy Work.
Electronic Engineering <i>(5 years)</i>	3 'A' level passes in Mathematics, Physics and Chemistry. OR National Diploma in Electronic Engineering plus three years post Diploma working experience. OR Relevant Higher National Diploma in Electronic Engineering plus two years post Diploma working experience. Applicants must be above 25 years.	Research, design, develop and test electronic components and systems for commercial, industrial. Military or scientific use utilizing knowledge of electronic theory and material properties. Design electronic circuits and components for use in fields such as telecommunication, or instrumentation and control. Work in Software and Hardware Control Systems, as Mining Maintenance Engineers. Computer engineering and/ or other related engineering fields.