NIT

National Institute of Technology

Affordable, 70% Practical, Reliable, Industry Relevant and Career Progressive Qualifications

Prospectus 2024/25
www.nit-edu.org

YOUR GUIDE TO
LEARNING IN 2024/25

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General Minimum Entry Requirements

Any applicant who meets any of the following entry requirements categories can apply online or by completing the Students Enrolment Agreement Form available on our website:

1) Twenty-five (25) points in Namibia Senior Secondary Certificate Ordinary (NSSCO) (grade 11) (old grade 12) in five (5) subjects with a D or better symbol in English. English shall be part of the five (5) subjects you must have completed) or,

2) Any recognized related qualification at NQF level 3 or equivalent with total credit value as required by the NIT policy/regulation.

3) Applicants with Twenty (20) and above points in grade 12 (now grade 11) in six (6) subjects with an E or better symbol in English (of which English shall be part of the 6 subjects) may be accepted provided that they have passed an Aptitude Test with a Minimum of 60%.

4) Mature age entry provided that applicant:

 (A) is 23 years old or over at a time of making the application;
 (B) has at least five (5) years' work experience in a related field and provides acceptable reference from a reputable respective employing organization;
 (C) has at least passed grade 10 which must include E in English and
 (D) must pass an Aptitude test with a minimum of 60%
 OR
 (A) is 23 years old or over at a time of making the application;
 (B) has at least three (3) years' work experience in a related field and provides acceptable reference from a reputable respective employing organization;
 (C) has at least passed grade 11 (old grade 12) which must include E in English and
 (D) must pass an Aptitude test with a minimum of 60%.

Bridging Program (Certificate Level 4) Entry Requirements:

Applicants with Fifteen (15) and above points in grade 12 (now grade 11) in six (6) subjects may be accepted provided that they have passed an Aptitude Test with a Minimum of 60%.

PLEASE NOTE THAT:

1) Applicants for Engineering programs must, in addition, have an E, or better symbol in Physical Science and Mathematics.

2) Applicants for Education and Training and Health must refer to specific entry requirements stipulated on the attached document.

3) **International applicants** must have a minimum of Five (5) General Certificate of Education (GCSEs) at ordinary level or their equivalent including passes in Mathematics and English.

Specific Minimum Entry Requirements for:

Applied Education and Training Programs

In additional to the General Minimum Entry Requirements, applicants to study towards and the Education and Training must meet the below requirement/(s):

Certificate in Education and Training (Level 4): Minimum of **a** Certificate (Level 3) in any specialized field.

Diploma in Education and Training (Level 5): Minimum of (A) Certificate (Level 4) in any specialized field, and (B) One year of teaching, lecturing, training or tutoring work experience which must be evidenced by a reference letter from an employing institution.

Diploma in Education and Training (Level 6): Minimum of (A) Diploma (Level 5) in any specialized field, (B) Four (4) years of teaching, lecturing, training or tutoring work experience which must be evidenced by a reference letter from an employing institution.

Bachelor of Technology in Education and Training (Level 7): Minimum of (A) Diploma (Level 6) in any specialized field, (B) Five (5) years of teaching, lecturing, training or tutoring work experience with some leadership roles all of which must be evidenced by a reference letter from an employing institution.

INTERNATIONAL APPLICANTS

International applicants must meet the above requirements in addition to having a minimum of Five (5) General Certificate of Education (GCSEs) at ordinary level or their equivalent including passes in Mathematics and English.
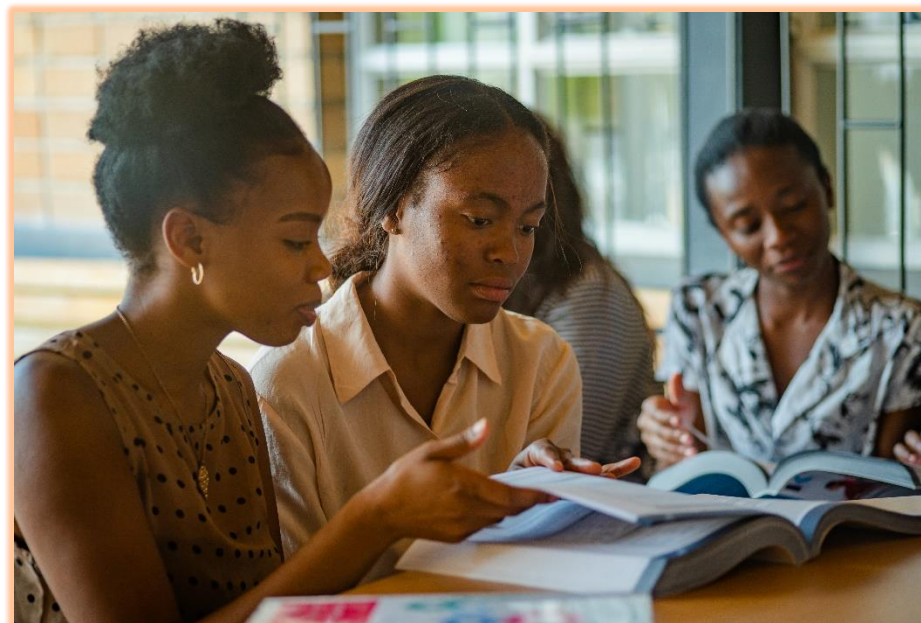
About the National Institute of Technology (NIT)

Registration Status

The National Institute of Technology (NIT) is quality assured and accredited by Namibian Qualifications (**NQA**) and registered with Namibia Training Authority (**NTA**). The Engineering Council of Namibia (**ECN**) recognizes and supports all the NIT's levels 6 and 7 engineering qualifications. NIT also has Memorandums of Understandings with well recognized universities of technologies such as the Mangosuthu University of Technology (MUT).

The institution was established in 2003 under the name of the Centre for Training and Projects Development (CTPD) which was changed to the National Institute of Technology (NIT) in 2018. The institution has been offering internationally recognized vocational, technical and professional programs that are certified by the Association of Chartered Certified Accountants (**ACCA**), the Chartered Institute of Marketing (**CIM**), the Chartered Institute of Management Accountants (**CIMA**), the Chartered Institute of Procurement and Supply (**CIPS**), the Chartered Institute of Logistics and Transport (**CILT**) and **Pearson BTEC** since 2007.

NIT has two physical campuses in Windhoek (Windhoek - Main Campus and Windhoek – Applied Health, Innovation and Sciences (SAHIS Campus) and one physical campus in Oshakati (Northern Campus) and a fully-fledged and equipped new Virtual Campus which is managed from Head Office in Windhoek.

Affordable, Reliable and Industry Relevant Qualifications

NIT is an innovative, dynamic, futurist and unique Namibian Higher Educational Institution in that it only offers industry relevant, quality assured and accredited, affordable, hands-on, unique and globally respected course programs in Applied Engineering, Applied Health and Sciences, Applied Business and Management and Applied Education and Training fields.

As a futurist institution, NIT carefully monitors the rapidly evolving environment to offer programs which are relevant to the current job markets but much more to prepare students for the changing world of future careers. NIT puts the student at the center of everything we do, because wherever learning flourishes, so do people. The NIT qualifications have been aligned to the National Qualifications Framework (NQF) of the Republic of Namibia, the technical and professional curriculums of the most reputable internationally recognized examinations bodies such as the ACCA, CIMA, CIPS, CILT, CFA, CIM and Pearson BTEC.

The programs are all work-related for students taking their first steps into employment, self-employment or those already in employment or self-employment and seeking career development or enterprise expansion opportunities. The NIT programs provide progression into the workplace either directly or via study at any higher education institution or university and are also designed to meet employer's needs. The programs are therefore widely recognized by industry and higher education as the principal technical professional qualifications starting from Levels 4.

Vision

To create and develop Vibrant, Skilled, Competent, and Work-prepared Entrepreneurial Technicians, Technologists, and Professionals for the industry and the national economic vitality.

Mission

To provide a broadened range of Higher Vocational, Technical & Professional Course Programs that support our student's career goals and significantly contribute to the attainment of our National Development Plans' Goals.

Values

- **P**rofessionalism, **T**ransparency, and **E**thics;
- **R**esponsibility and **A**ccountability;
- **I**ntegrity and **H**onesty;
- **C**reativity and **I**nnovation & **E**xcellency, and
- **C**ollaboration and **P**artnership.

Governing Boards and Committees

The NIT quality system is regulated, governed and assured through Namibia Qualifications Authority (NQA), Namibia Training Authority (NTA) and a rigorous internal complex system comprising of the below following bodies and committees:

- Assessments and Awards Board (AAB)
- Assessments and Awards Committee (AAC)
- Board of Directors (BoDs)
- Board of Studies (BoS)
- Industry Advisory Boards (IABs)
- Quality Assurance, Audit and Improvement Board (QAAIB)
- Teaching and Learning Committee (TLC)

The above boards and committees comprise of members of industry and academics from reputable small, medium and large organizations and higher education institutions with operations to contribute towards NIT's creative and innovative undertaking to provide students with the skills needed for the current and future of the world of work.

The above boards and committees are the highest decision-making authorities within different functions of the NIT. As such they oversee all the NIT's quality assurance processes, ensuring that students receive the necessary industry bench marked knowledge, skills, and expertise to meet the demands of industry and excel within a constantly changing work environment. The highly qualified members of the NIT Boards and Committees and staff ensure that the content and quality of all the NIT qualifications, supporting learning materials and all other resources are current and in-line with progressive higher education standards and industry requirements.

Alumni

The NIT has a proud heritage of many graduates working in various technical and professional positions while some are self-employed. In a recent alumni survey, the NIT established that alumni work in fields as diverse as Accounting and Finance, Engineering, Informational Technology, Digital Marketing, Procurement and Supply, Logistics and Transport and Manufacturing. Despite various obstacles that the institution has undergone and overcome, it is evident that the NIT is one of Namibia's top serious and vision focused quality-based institution that provides its graduates with an array of good career opportunities, both for the undergraduate completing studies immediately after studies, and the experienced working adult engaged in postgraduate studies. You can access more information about NIT at www.nit-edu.org.

Why choose a career specific applied program?

Applied course programs offered by NIT are vocational, Technical and professional in nature. They are developed with the full involvement of the industry for the industry to serve the industry's skills needs and expectations. The NIT's higher technical and professional qualifications have been designed to develop students as professional and self-reflecting individuals who must be able to meet the demands of the current and future employers within the financial service sector and adapt to a constantly changing world.

The qualifications aim to widen access to higher education and enhance the career prospects of those who undertake them. While a unique combination of units at all levels has been made to underscore the critical need to convert students into effective entrepreneurs within the sector, it is envisaged that graduates will have strong work (industrial) ethics and ability to navigate their careers during the current and the next industrial revolutions of the unknown artificial intelligence future jobs.

What makes NIT unique?

The NIT course programs are all very demanding. You will have to complete a range of units, be organized, and take all the assessments (integrated projects, main tests, main assignments, final examinations), and keep a portfolio of projects and assignments as evidences of your work. After a great deal of time, efforts and with the application of all the teaching and learning practices, you will feel proud to achieve the NIT qualification because, whatever your plans in life; whether you want to start and successfully run your own business, enter into a formal employment or you decide to study further, your NIT qualification will be your passport to success (to take you where you want to be) in the next stage of your life.

Six (6) REASONS why you must choose to study at NIT?

To be differentiated from many unemployed people and become goal achiever, choose an institution which will provide you with the right 21st Century Skills to think and do things differently and get noticed and recognized by the industry! At NIT, we know how important it is for career ambitious people to get the right education in order to start and further develop their careers. The NIT's undergraduate programs are designed to help students secure the knowledge skills and behaviors needed to succeed in the current and future workplaces. With today's industry and employers demanding so much more than just a qualification to contain the effects of global competition and to attain a competitive edge, here are the main six (6) reasons why you must choose to study at NIT:

Work Readiness

NIT courses will give you real hands-on experience in pursuing your education. It is what is called learning by doing it or action learning. Based on a 70% practical (action learning, action research, projects, reflective thinking, critical thinking, etc.) and 30% theory teaching and learning and assessments methodologies, all the NIT students become work ready (prepared) during their first year of study and graduate with strong work ethics, analytical, problem solving, communication and entrepreneurial skills which are the major factors that employers are looking for in their new recruits.

Employability

NIT's courses prepare students for employment and self-employment. The NIT courses develop a student's employability skills as they offer the experience of real-life practical tasks and work placements. NIT's qualifications are generally well-regarded by employers as the courses enable students to develop useful hands-on skills in respective fields of study and in critical areas such as problem solving, time management, entrepreneurial, communication, work behavior, visionary and focus minded, team work, and project planning, execution to evaluation.

Relevant

NIT courses are developed in collaboration with employers, industrial experts, professional bodies, higher education experts and lecturers. NIT's qualifications provide students with industry-specific knowledge, skills and competencies which make graduates' work outputs to be relevant to their employers' missions, visions and goals.

Practical Teaching and Assessments

The NIT's 7 principles of teaching and learning through which integrate learnt theory and gained knowledge into applied and action learning methods develop employability and practical skills required by the current and future world of work. All the NIT programs are assessed through objective and rigor-based assignments and projects for which origination is examined through the Turnitin to prevent plagiarism.

Career Progression

Employers value NIT's qualifications because courses are industry-centered and directed. Unlike academic programs, the NIT courses give students the industry-specific knowledge and skills which prepare them for employment and career progression. This, combined with the problem solving, time management, entrepreneurial, communication, work behavior, visionary and focus minded, team work, and project planning skills they gained throughout their learning process give the NIT graduates a strong competitive edge to progress in senior job positions and to further pursue their postgraduate studies at various reputable higher education institutions.

Reputation and Prestige

- The industry relevance, practicality, career specific and quality of the NIT qualification will make you to standout and visibly be seen and noticed in a cloud of many academically qualified graduates.
- As more employers expect their new employees to have relevant practical skills and competencies than costly academic knowledge, NIT makes your CV and profile standout.
- NIT is known for stringent quality standards which govern the provision of its higher vocational, technical and professional courses. NIT is also known for its practical, relevance and Industry driven courses.
- The above values, compounded with the work ethics, entrepreneurial and problem-solving skills you will learn and practice while studying at NIT will grant you the respect, reputation and prestige within the industry sector you will work.

Our Modes of Study

Our course programs fit your lifestyle. Through full time, Part-Time, virtual campus, distance and blended learning, our different modes of study are accommodative of everyone's preferred life schedules.

Face-to-Face Full-Time Mode of Study

Face-to-Face Full-time learning is provided to students who are not aiming to work during their duration of study. Students who are able to spend most of their time at the Institution and only do their practical work as and when demanded by the nature of their academic assessments or tasks are more encouraged to study through this mode.

Face-to-Face Part-Time Mode of Study

Face-to-Face Part-time learning is more suitable for those who want to work outside during the day and attend their classes during the evening from 17:30 to 21:00. This type of mode of study, therefore, only suits the people who have work commitments hence cannot avoid to be at the institution all the time or during the day time.

Virtual Campus Mode of Study

The NIT Virtual Classrooms are self-equipped with various facilities and require both the tutor and the students to be connected to the learning platform at the same time. The Virtual Classrooms platform access user devices cameras and microphones to allow the participants to interact, ask questions, and conduct themselves as they would in a traditional classroom. The Virtual Classrooms are an important component of the recently introduced NIT Virtual Campus.

Distance Learning Mode of Study

Distance learning is for students who prefer to study on their own at their most suitable location and time. At the beginning of the course, they are provided with self-paced, self-instructional learning materials and assignments. These are either provided in hard copies or via the internet. Students meet their tutors and other students occasionally for workshops and tutorials which take place two weekends per month at our main Campus in Windhoek and at the two Satellite Campuses. Students are expected to learn independently, with the use of study materials and support channels offered by the institution. This requires serious student's self-motivation as well as discipline. Students also receive feedback and interact with tutors on face to face when they attend tutorial classes and via telephone or WhatsApp. Students are assessed remotely through integrated projects and assignments work completed and submitted through the Turnitin Application which is used to trace any plagiarism, with the main tests and examinations taken in person at a designated venue. Feedback from tutors/lecturers is given to students as each module is marked and assessed, much like a traditional learning system.

Please note that it is mandatory for all the Engineering Students to attend the prescheduled Two Weekends Face-to-Face Lessons of Each Month and One Block Week Face-to-face Sessions Twice a Semester.

Feedback and support are a vital part of correspondence learning and is given via student's portal, email, telephone and when students visit the Campus for tutorials to allow students to ask questions, discuss projects and interact with lecturers.

No any Engineering Program is offered through online mode. Engineering students on Distance Mode can, however, use

Blended Learning

Blended learning is an extension of distance learning. It is a combination of self-instructional learning materials, traditional face-to-face lectures and workshops, online discussions, self-assessment activities, assignments, and formal examinations.

Are you taking serious steps towards your career success?

Financial Aid

Our students have various options to finance their studies including Namibia Students Financial Assistance Fund (NSFAF), bursaries from GIPF, SSC, Bank of Namibia, and many other corporate organizations.

Students with exemplary education performance and overall discipline and conduct can apply for and be awarded the NIT bursary/scholarship. Bursaries are awarded on the basis of financial need and student's performance achievement, ethical behavior. Bursary fees do not cover accommodation, membership & assessments fees payable to our partner examinations bodies or out of pocket expenses. To download the Bursary Application Form please visit www.nit-edu.org.

Student Support
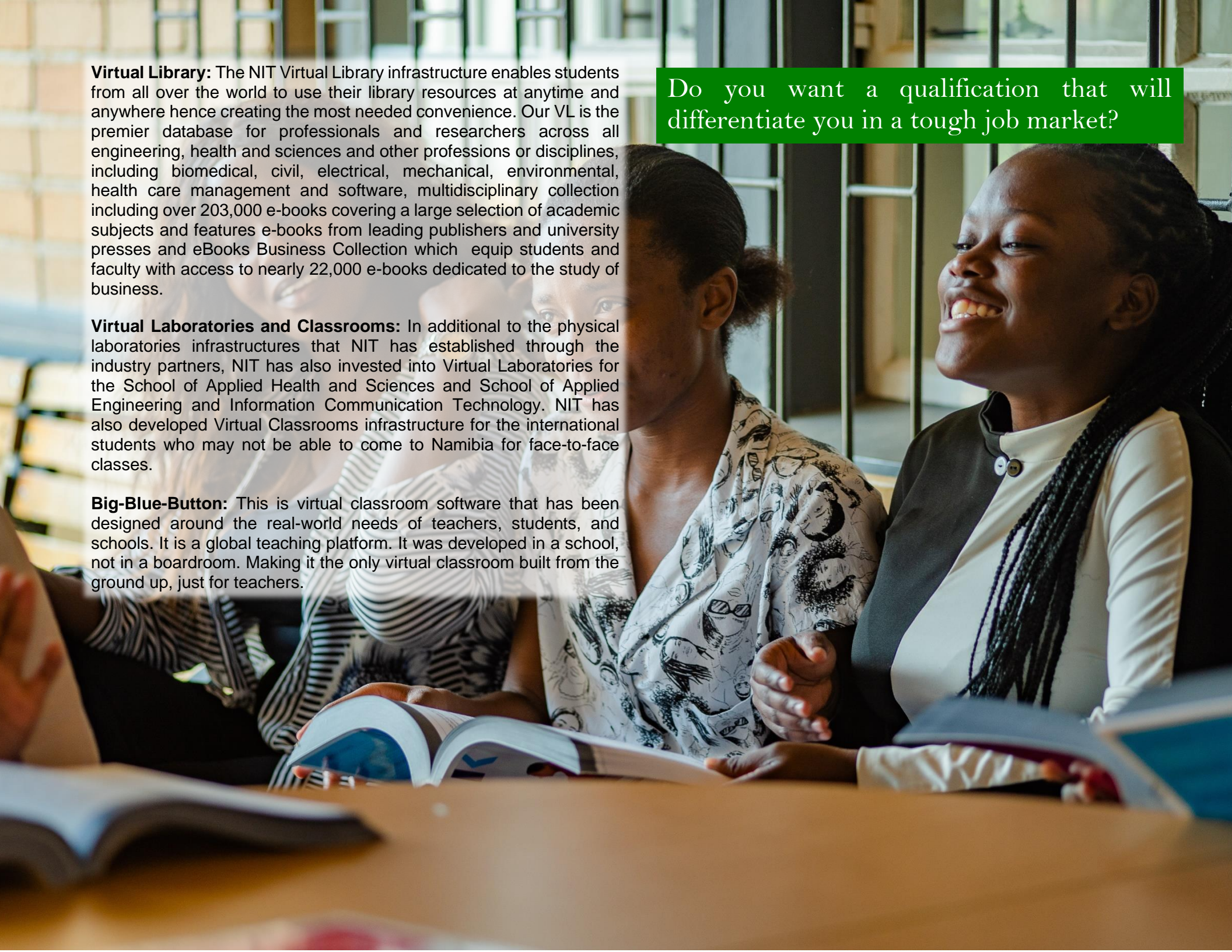
As a Higher Technical Education Institution, the NIT ensures that students are provided with all requirements for successful self-study. These include 24 hours free Wi-Fi/internet usage, Student's Portal with study materials, students' cards, NUST Library facilities, Computer Labs, Engineering Laboratories, Study Pack which includes USB device in which Study Guide, manuals, Course contents, Students Hand Book, Institutional Calendar, list of prescribed textbooks, etc. Our Call Centre also arranges students' job attachments and employment opportunities for our well performing and work ethical students

Education Technologies

As a technology engineered higher education institution, NIT has immensely invested in various educational technologies to enhance and provide world-class industry relevant affordable, reliable and industry relevant course programs through Virtual Classrooms, Face to Face on Full-Time and Part-Time, Distance, On-Line and Blended learning modes to our highly valued students.

NIT has recently developed its virtual teaching and learning infrastructure to provide quality higher education programs to students all over the world. The NIT educational technologies include the latest applications for the following:

Fedena: The NIT's **Fedena** is a holistic campus and student administration system that manages the student from enquiry to registration, through to graduation and beyond. This application also provides students' portal for accessing results, accounts, easier interactions and communication, etc.

Virtual Library: The NIT Virtual Library infrastructure enables students from all over the world to use their library resources at anytime and anywhere hence creating the most needed convenience. Our VL is the premier database for professionals and researchers across all engineering, health and sciences and other professions or disciplines, including biomedical, civil, electrical, mechanical, environmental, health care management and software, multidisciplinary collection including over 203,000 e-books covering a large selection of academic subjects and features e-books from leading publishers and university presses and eBooks Business Collection which equip students and faculty with access to nearly 22,000 e-books dedicated to the study of business.

Virtual Laboratories and Classrooms: In additional to the physical laboratories infrastructures that NIT has established through the industry partners, NIT has also invested into Virtual Laboratories for the School of Applied Health and Sciences and School of Applied Engineering and Information Communication Technology. NIT has also developed Virtual Classrooms infrastructure for the international students who may not be able to come to Namibia for face-to-face classes.

Big-Blue-Button: This is virtual classroom software that has been designed around the real-world needs of teachers, students, and schools. It is a global teaching platform. It was developed in a school, not in a boardroom. Making it the only virtual classroom built from the ground up, just for teachers.

Do you want a qualification that will differentiate you in a tough job market?

Applied Health, Innovation and Sciences

Health and Social Care Management

Certificate in Health and Social Care Management (Level 4)
Diploma in Health and Social Care Management (Level 5)
Diploma in Health and Social Care Management (Level 6)
Bachelor of Technology in Health and Social Care Management

Occupational Health and Safety

Certificate in Occupational Health and Safety (Level 4)
Diploma in Occupational Health and Safety (Level 5)
Diploma in Occupational Health and Safety (Level 6)
Bachelor of Technology in Occupational Health and Safety

Biomedical Science

Certificate in Biomedical Science (Level 4)
Diploma in Biomedical Science (Level 5)
Diploma in Biomedical Science (Level 6)
Bachelor of Technology in Biomedical Science

Therapeutic Counselling

Certificate in Therapeutic Counselling (Level 4)
Diploma in Therapeutic Counselling (Level 5)
Diploma in Therapeutic Counselling (Level 6)
Bachelor of Technology in Therapeutic Counselling
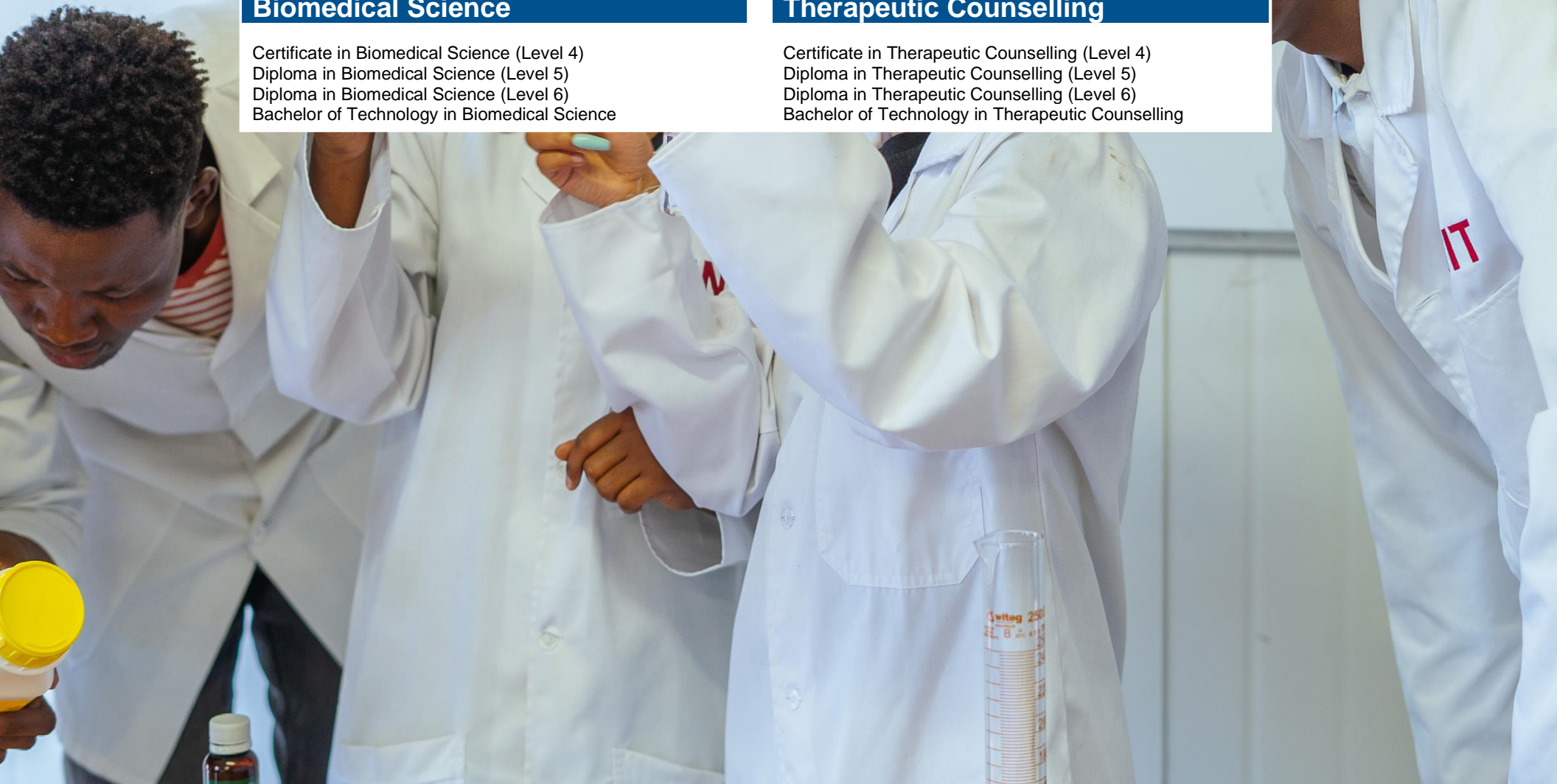
Applied Health and Social Care Programs

Certificate in Health and Social Care Management (Level 4)

Code No	Unit Title	Credits
3HSC101	Healthcare Planning and Management Process in Practice	12
3HSC102	Professional Development in Health and Social Care	10
3HSC103	Human Development and Behaviors	10
3HSC104	Principles of Health and Social Care Management	10
3HSC105	Public Health Promotional Strategies	10
3HSC106	Human Resources Management in Healthcare Environment	10
3HSC107	Team Building in a Healthcare Organization	12
3HSC108	Health and Social Care Resources Management	10
1STU101	Applied Business Communication and Technology	10
1STU102	Principles of Entrepreneurship	8
1STU103	Applied Fundamentals of Statistical Methods	10
1STU104	Legal and Ethical Context of Practice	8

Diploma in Health and Social Care Management (Level 5)

Code No	Unit Title	Credits
3HSC201	Partnership Working in Health and Social Care	8
3HSC202	Financial Management for Healthcare Managers	12
3HSC203	Assessment Processes for Effect. Health and Social Care Del.	10
3HSC204	Effective Reporting and Record-keeping in HSC Services	10
3HSC205	Team Leadership in Health and Social Care	8
3HSC206	Health Education in Action	10
3HSC207	Professional Supervision for Staff in HSC Environment	12
3HSC208	Health and Safety in Health and Social Care Workplaces	12
1STU201	Entrepreneurship and Business Development	10
1STU203	Project Management	10
1STU204	Professional Work Etiquettes and Employability	20
1STU205	Specialized Industrial Related Project	20

Diploma in Health and Social Care Management (Level 6)

Code No	Unit Title	Credits
3HSC301	Professional and Ethical Practice in Health and Social Care	10
3HSC302	Managing Budgets in Health and Social Care Environments	12
3HSC303	Decision Making in Action	12
3HSC304	Integrated Occupational Health and Safety	10
3HSC305	Human Resource Management in Health and Social Care	10
3HSC306	Supply Chain Management in Health and Social Care	10
3HSC307	Health Improvement and Promotion of Well-being	12
1STU301	Ethics, Corporate Governance and Business Law	12
1STU302	Applied Entrepreneurship and Intrapreneurship	12
1STU303	Customer Relationship Management	10
1STU304	Action Research Methodology	12
1STU305	Specialized Industrial Related Work Experience	30

Bachelor of Technology in Health and Social Care Management

Code No	Unit Title	Credits
3HSC401	Leadership and Management for Health and Social Care	10
3HSC402	Management of Quality in Health and Social Care	12
3HSC403	Health, Safety and Risk Management in Care Environments	10
3HSC404	Transformation and Change Management in Social Care	10
3HSC405	Healthcare Technology in Practice	12
3HSC406	Team and Partnership Management in HSC Services	10
3HSC407	Operations Management Strategy for HSC Environments	12
3HSC408	Team and Individual Leadership: Mentoring and Coaching Othe	12
1STU401	Corporate Finance	15
1STU402	Corporate Strategy and Planning	12
1STU403	Action Project	20
1STU404	Specialized Professional Practice	40

Applied Biomedical Sciences Programs

Certificate in Biomedical Science (Level 4)

Code No	Unit Title	Credits
3BSC101	Anatomy and Human Physiology	12
3BSC102	Principles of Applied Human Biology	12
3BSC103	Human Biology and Health Issues	10
3BSC104	Physiology of Human Body Systems	10
3BSC105	Microbiology and Infectious Diseases	12
3BSC106	Neurophysiology and Homeostatic Control of the Human Bo	10
3BSC107	Epidemiology of Communicable Diseases	10
3BSC108	Cell Biology	12
3STU101	Applied Business Communication and Technology	10
3STU102	Principles of Entrepreneurship	8
3STU103	Applied Fundamentals of Statistical Methods	10
3STU104	Legal and Ethical Context of Practice	8

Diploma in Biomedical Science (Level 5)

Code No	Unit Title	Credits
3BSC201	Diseases and Infections	10
3BSC202	Genetics and Genetic Engineering	10
3BSC203	Human Regulation and Reproduction	10
3BSC204	Biological Molecules and Metabolic Pathways	10
3BSC205	Food Technology	10
3BSC206	Laboratory Techniques and their Application	10
3BSC207	Human Health and Nutrition	10
3BSC208	Pharmacological Principles of Drug Actions	12
1STU201	Entrepreneurship and Business Development	10
1STU203	Project Management	10
1STU204	Professional Work Etiquettes and Employability	20
1STU205	Specialized Industrial related Project	20

Diploma in Biomedical Science (Level 6)

Code No	Unit Title	Credits
3BSC301	Clinical Biochemistry	10
3BSC302	Medical Physics Applications	12
3BSC303	Applications of Organic and Inorganic Chemistry	12
3BSC304	Drug Development for Production	10
3BSC305	Stem Cell Biology	10
3BSC306	Immune Response System	10
3BSC307	Laboratory Management	12
1STU301	Ethics, Corporate Governance and Business Law	12
1STU302	Applied Entrepreneurship and Intrapreneurship	12
1STU303	Customer Relationship Management	10
1STU304	Action Research Methodology	12
1STU305	Specialized Industrial related Work Experience	30

Bachelor of Technology in Biomedical Science

Code No	Unit Title	Credits
3BSC401	Molecular Biology and Genetics	12
3BSC402	Immunology	10
3BSC403	Pharmacology and Medicine Management	12
3BSC404	Medical Microbiology	12
3BSC405	Hematology in Practice	10
3BSC406	Pathology for the Laboratory Scientist	12
3BSC407	Microbiological Techniques	12
3BSC408	Biochemistry of Macromolecules and Metabolic Path.	10
1STU401	Corporate Finance	15
1STU402	Corporate Strategy and Planning	12
1STU403	Action Project	20
1STU404	Specialized Professional Practice	40

Please note that this Applied Biomedical Sciences Program is not focused on the Health/Medical Sector but rather on the industry sectors skills needs such as food production, fishing, beverages laboratories, mining laboratories chemical, education laboratories, research laboratories and many other scientific and technological laboratories. However, students who wish to pursue specialization in Health/Medical Sector may seek for articulation into institutions which are registered with the

Applied Occupational Health and Safety Programs

Certificate in Occupational Health and Safety (Level 4)

Code No	Unit Title	Credits
3OHS101	Anatomy and Human Physiology	10
3OHS102	Fundamentals of Environmental and OHS.	13
3OHS103	Occupational Health and Safety Standards	10
3OHS104	Sociology and Anthropology of Occupational Health and Safet.	9
3OHS105	Microbiology and Infectious Diseases	10
3OHS106	Chemistry for Health Sciences	12
3OHS107	Epidemiology of Communicable Diseases	10
3OHS108	Applied Fire Protection and Safety	10
1STU101	Applied Business Communication and Technology	10
1STU102	Principles of Entrepreneurship	8
1STU103	Applied Fundamentals of Statistical Methods	10
1STU104	Legal and Ethical Context of Practice	8

Diploma in Occupational Health and Safety (Level 5)

Code No	Unit Title	Credits
3OHS201	Health and Safety Promotion in Work Environment	10
3OHS202	Occupational Health and Safety Technology	10
3OHS203	Management of Health and Safety Systems	10
3OHS204	Disaster Preparedness and Emergency Management	10
3OHS205	Epidemiology and Control of Communicable Diseases	11
3OHS206	Occupational Health and Safety Risk Assessment	10
3OHS207	Occupational Health and Safety Monitoring and Control	10
3OHS208	Waste Management	10
1STU201	Entrepreneurship and Business Development	10
1STU203	Project Management	10
1STU204	Professional Work Etiquettes and Employability	20
1STU205	Specialized Industrial Related Project	20

Diploma in Occupational Health and Safety Management (Level 6)

Code No	Unit Title	Credits
3OHS301	Health and Safety Legislation and Ethical Practice	10
3OHS302	Occupational Hygiene and Toxicology	10
3OHS303	Ergonomics for Occupational Health and Safety Management	10
3OHS304	Environmental, Air and Water Pollution and Safety Manag.	10
3OHS305	Accidents and Hazards Prevention, Management and Invest.	10
3OHS306	Occupational Health and Safety Innovation and Improvement	10
3OHS307	Occupational Health and Safety Practice	10
1STU301	Ethics, Corporate Governance and Business Law	12
1STU302	Applied Entrepreneurship and Intrapreneurship	12
1STU303	Customer Relationship Management	10
1STU304	Action Research Methodology	12
1STU305	Specialized Industrial Related Work Experience	30

Bachelor of Technology in Occupational Health and Safety Management

Code No	Unit Title	Credits
3OHS401	Occupational Health and Safety Risk and Incident Management	12
3OHS402	Epidemiology and Health Statistical Methods	12
3OHS403	Auditing Occupational Health and Safety Management Systems	10
3OHS404	Occupational Health and Safety Quality Assurance	10
3OHS405	Food Safety and Hygiene Management	10
3OHS406	Occupational Health and Safety Practitioner Development	11
3OHS407	Environmental Health and Safety Change Management	10
3OHS408	Occupational Health and Safety Management	11
1STU401	Corporate Finance	15
1STU402	Corporate Strategy and Planning	12
1STU403	Occupational Health and Safety Action Project	20
1STU404	Specialized Professional Practice	40

Applied Therapeutic Counselling Programs

Certificate in Therapeutic Counselling (Level 4)

Code No	Unit Title	Credits
3TC101	Introduction to Relationship in Counselling	15
3TC102	Fundamentals of Counselling Skills	12
3TC103	Workplace Counselling	12
3TC104	Self-awareness for Counsellors	12
3TC105	Grief and Loss Counselling	10
3TC106	Practices of Therapeutic Counselling for Young People	12
3TC107	Theoretical Approaches to Counselling	12
3TC108	Approaches to Stress Counselling	12
1STU101	Applied Business Communication and Technology	10
1STU102	Principles of Entrepreneurship	8
1STU103	Applied Fundamentals of Statistical Methods	10
1STU104	Legal and Ethical Context of Practice	8

Diploma in Therapeutic Counselling (Level 5)

Code No	Unit Title	Credits
3TC201	Reflective Counselling Practices	10
3TC202	Diversity and Ethics in the use of Counselling Skills	10
3TC203	Trauma Counselling	10
3TC204	Sex and Sexuality Counselling	10
3TC205	Practices of Therapeutic Counselling for Relationships	10
3TC206	Practices of Therapeutic Counselling for Addictive Behavior	10
3TC207	Ethics and Professional Practices in Counselling	10
3TC208	Fundamentals of Therapeutic Counselling Supervision	10
1STU201	Entrepreneurship and Business Development	10
1STU202	Applied Statistics for Decision Making	12
1STU203	Project Management	10
1STU204	Professional Work Etiquettes and Employability	20
1STU205	Specialized Industrial related Project	20

Diploma in Therapeutic Counselling (Level 6)

Code No	Unit Title	Credits
3TC301	Therapeutic Counselling Approaches for Depression	10
3TC302	Cognitive Behavioral Approaches to Counselling	10
3TC303	Clients Who Have Experienced Abuse Counselling	11
3TC304	Therapeutic Counselling Supervision	10
3TC305	Person-centered Approaches to Therapeutic Counselling	10
3TC306	Applied Psychological Perspectives for Therapeutic Counselling	11
3TC307	Setting up a Therapeutic Counselling Practice	11
1STU301	Ethics, Corporate Governance and Business Law	12
1STU302	Applied Entrepreneurship and Intrapreneurship	12
1STU303	Customer Relationship Management	10
1STU304	Action Research Methodology	12
1STU305	Specialized Industrial Related Work Experience	30

Bachelor of Technology in Therapeutic Counselling

Code No	Unit Title	Credits
3TC401	Planned Processes in Therapeutic Counselling	10
3TC402	Team Management and Partnership in Therapeutic Counselling	10
3TC403	Psychodynamic Approaches to Counselling	10
3TC404	Transactional Analysis in Therapeutic Counselling	10
3TC405	Development and Practice Counselling Skills	10
3TC406	Comparative Theories and Approaches in Counselling	11
3TC407	Human Development in Relation to Counselling	11
3TC408	Gestalt Approaches to Counselling	11
1STU401	Corporate Finance	15
1STU402	Corporate Strategy and Planning	12
1STU403	Therapeutic Counselling Action Project	20
1STU404	Specialized Professional Practice	40

Applied Engineering Programs

Electrical and Electronic Engineering

Certificate in Electrical and Electronic Engineering (Level 4)
Diploma in Electrical and Electronic Engineering (Level 5)
Diploma in Electrical and Electronic Engineering (Level 6)
Bachelor of Technology in Electrical and Electronic Engineering

Mechanical Engineering

Certificate in Mechanical Engineering (Level 4)
Diploma in Mechanical Engineering (Level 5)
Diploma in Mechanical Engineering (Level 6)
Bachelor of Technology in Mechanical Engineering

Civil Engineering

Certificate in Civil Engineering (Level 4)
Diploma in Civil Engineering (Level 5)
Diploma in Civil Engineering (Level 6)
Bachelor of Technology in Civil Engineering

Applied Electrical & Electronic Engineering Programs

Certificate in Electrical and Electronic Engineering (Level 4)

Code No	Unit Title	Credits
2EEE101	Engineering Principles	15
2EEE102	Delivery of Engineering Processes	9
2EEE103	Engineering Drawing	12
2EEE104	Principles of Programming	12
2EEE105	Electrical Machines	12
2EEE106	Electrical Power Distribution and Transmission	12
2EEE107	Electronic Printed Circuit Board Design and Manufacture	12
1STU101	Applied Business Communication and Technology	10
1STU102	Principles of Entrepreneurship	8
1STU103	Applied Fundamentals of Statistical Methods	10
1STU104	Legal and Ethical Context of Practice	8

Diploma in Electrical and Electronic Engineering (Level 5)

Code No	Unit Title	Credits
2EEE201	Calculus for Engineering	15
2EEE202	Electrical Installation of Hardware and Cables	15
2EEE203	Digital and Analogue Electronic Systems	15
2EEE204	Electronic Circuits and Devices	14
2EEE205	Computer Aided Design in Engineering	10
2EEE206	Internet of Things	12
2EEE207	Engineering Product Design and Manufacture	12
1STU201	Entrepreneurship and Business Development	10
1STU202	Applied Statistics for Decision Making	12
1STU203	Project Management	10
1STU204	Professional Work Etiquettes and Employability	20
1STU205	Specialized Industrial related Project	20

Diploma in Electrical and Electronic Engineering (Level 6)

Code No	Unit Title	Credits
2EEE301	Engineering Design	12
2EEE302	Engineering Mathematics	15
2EEE303	Engineering Science	15
2EEE304	Professional Engineering Project Management	10
2EEE305	Electrical and Electronic Principles	15
2EEE306	Instrumentation and Control Systems	15
2EEE307	Electrical Systems and Fault Finding	15
2EEE308	Automation, Robotics and Programmable Logic Control.	12
1STU301	Ethics, Corporate Government and Business Law	12
1STU302	Applied Entrepreneurship and Intrapreneurship	12
1STU304	Action Research Methodology	12
1STU305	Specialized Industrial Related Work Experience	50

Bachelor of Technology in Electrical and Electronic Engineering

Code No	Unit Title	Credits
2EEE401	Telecommunication Principles	10
2EEE402	Advanced Engineering Mathematics	15
2EEE403	Industrial Power, Electronics and Storage	10
2EEE404	Industrial Systems	10
2EEE405	Advanced Programmable Logic Controllers (PLCs)	12
2EEE406	Radio Communication Engineering	12
2EEE407	Advanced Control Systems Engineering	12
2EEE408	Renewable Energy	10
1STU401	Corporate Finance	15
1STU402	Corporate Strategy and Planning	12
1STU403	Electrical and Electronic Action Project	20
1STU404	Specialized Professional Practice	40

Applied Mechanical Engineering Programs

Certificate in Mechanical Engineering (Level 4)

Code No	Unit Title	Credits
2ME101	Engineering Principles	15
2ME102	Delivery of Engineering Processes	9
2ME103	Engineering Drawing	12
2ME104	Principles of Programming	12
2ME105	Static Mechanical Principles in Practice	12
2ME106	Principles and Applications of Fluid Mechanics	12
2ME107	Pneumatic and Hydraulic Systems	12
1STU101	Applied Business Communication and Technology	10
1STU102	Principles of Entrepreneurship	8
1STU103	Applied Fundamentals of Statistical Methods	10
1STU104	Legal and Ethical Context in Practice	8

Diploma in Mechanical Engineering (Level 5)

Code No	Unit Title	Credits
2ME201	Calculus for Engineering	15
2ME202	Mechanical Measurement and Inspection Technology	14
2ME203	Thermodynamic Principles and Practice	15
2ME204	Computer Aided Design for Engineering	10
2ME205	Dynamic Mechanical Principles in Practice	15
2ME206	Internet of Things	12
2ME207	Engineering Product Design and Manufacture	12
1STU201	Entrepreneurship and Business Development	10
1STU202	Applied Statistics for Decision Making	12
1STU203	Project Management	10
1STU204	Professional Work Etiquettes and Employability	20
1STU205	Specialized Industrial Related Project	20

Diploma in Mechanical Engineering (Level 6)

Code No	Unit Title	Credits
2ME301	Engineering Design	12
2ME302	Engineering Mathematics	15
2ME303	Engineering Science	15
2ME304	Professional Engineering Project Management	10
2ME305	Mechatronics	15
2ME306	Instrumentation and Control Systems	15
2ME307	Fundamentals of Thermodynamics and Heat Engines	15
2ME308	Automation, Robotics and Programmable Logic Controllers	12
1STU301	Ethics, Corporate Government and Business Law	12
1STU302	Applied Entrepreneurship and Intrapreneurship	12
1STU304	Action Research Methodology	12
1STU305	Specialized Industrial Related Work Experience	50

Bachelor of Technology in Mechanical Engineering

Code No	Unit Title	Credits
2ME401	Advanced Mechanical Principles	10
2ME402	Advanced Engineering Mathematics	15
2ME403	Industrial Power, Electronics and Storage	10
2ME404	Industrial Systems	10
2ME405	Industrial Robots	10
2ME406	Virtual Engineering	12
2ME407	Advanced Control Systems Engineering	10
2ME408	Engineering Management	12
1STU401	Corporate Finance	15
1STU402	Corporate Strategy and Planning	12
1STU403	Mechanical Engineering Action Project	20
1STU404	Specialized Professional Practice	40

Applied Civil Engineering Programs

Certificate in Civil Engineering (Level 4)

Code No	Unit Title	Credits
2CE101	Engineering Principles	15
2CE102	Mathematics for Construction	12
2CE103	Principles of Programming	12
2CE104	Health and Safety in Civil Engineering	10
2CE105	Site Engineering for Construction	10
2CE106	Principles and Applications of Fluid Mechanics	12
2CE107	Engineering Drawing	12
2CE108	Water Treatment and Quality	10
1STU101	Applied Business Communication and Technology	10
1STU102	Principles of Entrepreneurship	8
1STU103	Applied Fundamentals of Statistical Methods	10
1STU104	Legal Ethics and Context of Practice	8

Diploma in Civil Engineering (Level 5)

Code No	Unit Title	Credits
2CE201	Surveying in Construction and Civil Engineering	15
2CE202	Specialist Civil Engineering Techniques	15
2CE203	Computer Aided Design for Engineering	10
2CE204	Internet of Things	12
2CE205	Tender & Procurement	12
2CE206	Principles and Applications of Structural Mechanics	15
2CE207	Highway Construction and Maintenance in Civil Engineering	15
1STU201	Entrepreneurship and Business Development	10
1STU202	Applied Statistics for Decision Making	12
1STU203	Project Management	10
1STU204	Professional Work Etiquettes and Employability	20
1STU205	Specialized Industrial Related Project	20

Diploma in Civil Engineering (Level 6)

Code No	Unit Title	Credits
2CE301	Civil Engineering Technology	15
2CE302	Civil Engineering Design	15
2CE303	Hydraulics	15
2CE304	Wastewater and Waste Management	12
2CE305	Fourth Industry Revolution (Industry 4.0)	12
2CE306	Advanced Mathematics for Construction	15
2CE307	Science and Materials for Civil Engineering	12
2CE308	Building Information Modelling	12
1STU301	Ethics, Corporate Governance and Business Law	12
1STU302	Applied Entrepreneurship and Intrapreneurship	12
1STU304	Action Research Methodology	12
1STU305	Specialized Industrial Related Work Experience	50

Bachelor of Technology in Civil Engineering

Code No	Unit Title	Credits
2CE401	Contracts & Management	12
2CE402	Geotechnics and Soil Mechanics	15
2CE403	Advanced Structural Design	15
2CE404	Alternative Methods of Construction	15
2CE405	Advanced Building Information Modelling	15
2CE406	Environmental Assessment and Monitoring	10
2CE407	Transport Systems in Buildings	12
2CE408	Management for Complex Building Projects	12
1STU401	Corporate Finance	15
1STU402	Corporate Strategy and Planning	12
1STU403	Civil Engineering Action Project	20
1STU404	Specialized Professional Practice	40

Applied Innovation and Technology Programs

Network Engineering

Certificate in Network Engineering (Level 4)
Diploma in Network Engineering (Level 5)
Diploma in Network Engineering (Level 6)
Bachelor of Technology in Network Engineering

Cyber Security

Certificate in Cyber Security (Level 4)
Diploma in Cyber Security (Level 5)
Diploma in Cyber Security (Level 6)
Bachelor of Technology in Cyber Security

Software Engineering

Certificate in Software Engineering (Level 4)
Diploma in Software Engineering (Level 5)
Diploma in Software Engineering (Level 6)
Bachelor of Technology in Software Engineering

Applied Network Engineering Programs

Certificate in Network Engineering (Level 4)

Code No	Unit Title	Credits
2ITNE101	Information Technology Systems	12
2ITNE102	Information Management Systems	12
2ITNE103	Business Applications of Social Media	8
2ITNE104	Principles of Programing	12
2ITNE105	Data Modelling	10
2ITNE106	Website Development	10
2ITNE107	Network Principles	10
1STU101	Applied Business Communication and Technology	10
1STU102	Principles of Entrepreneurship	8
1STU103	Applied Fundamentals of Statistical Methods	10
1STU104	Legal and Ethical Context in Practice	8

Diploma in Network Engineering (Level 5)

Code No	Unit Title	Credits
2ITNE201	Computer Networking	15
2ITNE202	Big Data and Business Analytics	15
2ITNE203	Information Technology Network Design	12
2ITNE204	Information Technology Service Delivery	12
2ITNE205	The Internet of Things	12
2ITNE206	Large Scale Data Systems	15
2ITNE207	Cloud Storage and Collaboration Tools	12
2ITNE208	Information Technology Technical Support and Management	12
1STU201	Entrepreneurship and Business Development	10
1STU203	Project Management	12
1STU204	Professional Work Etiquettes and Employability	20
1STU205	Specialized Industrial related Project	20

Diploma in Network Engineering (Level 6)

Code No	Unit Title	Credits
2ITNE301	Networks Administration	15
2ITNE302	Network Systems Design and Application	13
2ITNE303	Website Design and Development	13
2ITNE304	Network Operating Systems	12
2ITNE305	Database Design and Development	15
2ITNE306	Computing Mathematics	12
2ITNE307	Information Technology Systems Troubleshooting and Repair	15
2ITNE308	Cloud Computing	12
1STU301	Ethics, Corporate Governance and Business Law	12
1STU302	Applied Entrepreneurship and Intrapreneurship	12
1STU304	Action Research Methodology	12
1STU305	Specialized Industrial related Work Experience	50

Bachelor of Technology in Network Engineering

Code No	Unit Title	Credits
2ITNE401	Networks Management	12
2ITNE402	Systems Analysis and Design	12
2ITNE403	Business Intelligence	12
2ITNE404	Advanced Programming	12
2ITNE405	Data Mining	12
2ITNE406	Transport Network Design	12
2ITNE407	Discrete Mathematics	12
2ITNE408	Computer Systems Architecture	10
1STU401	Corporate Finance	15
1STU402	Corporate Strategy and Planning	12
1STU403	Network Engineering Action Project	20
1STU404	Specialized Professional Practice	40

Applied Software Engineering Programs

Certificate in Software Engineering (Level 4)

Code No	Unit Title	Credits
2SE101	Information Technology Systems	12
2SE102	Information Management Systems	12
2SE103	Business Applications of Social Media	8
2SE104	Principles of Programming	12
2SE105	Website Development	10
2SE106	Software Design and Development	10
2SE107	Mobile Apps Development	10
1STU101	Applied Business Communication and Technology	10
1STU102	Principles of Entrepreneurship	8
1STU103	Applied Fundamentals of Statistical Methods	10
1STU104	Legal and Ethical Context of Practice	8

Diploma in Software Engineering (Level 5)

Code No	Unit Title	Credits
2SE201	Software Development	15
2SE202	Big Data and Business Analytics	15
2SE203	Information Technology Network Design	12
2SE204	Information Technology Service Delivery	12
2SE205	The Internet of Things	12
2SE206	Software Development Lifecycles	15
2SE207	Cloud Storage and Collaboration Tools	12
2SE208	Information Technology Technical Support and Management	12
1STU201	Entrepreneurship and Business Development	10
1STU203	Project Management	12
1STU204	Professional Work Etiquettes and Employability	20
1STU205	Specialized Industrial related Project	20

Diploma in Software Engineering (Level 6)

Code No	Unit Title	Credits
2SE301	Software Testing	14
2SE302	Distributed Software Applications	15
2SE303	Website Design and Development	12
2SE304	Programming	12
2SE305	Database Design and Development	15
2SE306	Computing Mathematics	12
2SE307	Information Technology Systems Troubleshooting and Repair	15
2SE308	Cloud Computing	12
1STU301	Ethics, Corporate Governance and Business Law	12
1STU302	Applied Entrepreneurship and Intrapreneurship	12
1STU304	Action Research Methodology	12
1STU305	Specialized Industrial related Work Experience	50

Bachelor of Technology in Software Engineering

Code No	Unit Title	Credits
2SE401	Artificial Intelligence	12
2SE402	Systems Analysis & Design	12
2SE403	Business Intelligence	12
2SE404	Advanced Programming	12
2SE405	Data Mining	12
2SE406	Machine Learning	12
2SE407	Discrete Mathematics	12
2SE408	Computer Systems Architecture	10
1STU401	Corporate Finance	15
1STU402	Corporate Strategy and Planning	12
1STU403	Software Engineering Action Project	20
1STU404	Specialized Professional Practice	40

Applied Cyber Security Programs

Certificate in Cyber Security (Level 4)

Code No	Unit Title	Credits
2ITCS101	Information Technology Systems	12
2ITCS102	Information Management Systems	12
2ITCS103	Principles of ICT Systems and Data Security	12
2ITCS104	Principles of Programing	12
2ITCS105	Data Modelling	10
2ITCS106	Security Protection and Risk Management	12
2ITCS107	Network Principles	10
1STU101	Applied Business Communication and Technology	10
1STU102	Principles of Entrepreneurship	8
1STU103	Applied Fundamentals of Statistical Methods	10
1STU104	Legal and Ethical Context in Practice	8

Diploma in Cyber Security (Level 5)

Code No	Unit Title	Credits
2ITCS201	Cyber Security and Incident Management	12
2ITCS202	Big Data and Business Analytics	12
2ITCS203	Information Technology Systems Security and Encryption	12
2ITCS204	Computer Forensics	10
2ITCS205	Data Analysis and Design	12
2ITCS206	Organizational Systems Security	12
2ITCS207	Networking and Cyber Security	12
2ITCS208	Forensic Science Informatics	12
1STU201	Entrepreneurship and Business Development	10
1STU203	Project Management	12
1STU204	Professional Work Etiquettes and Employability	20
1STU205	Specialized Industrial related Project	20

Diploma in Cyber Security (Level 6)

Code No	Unit Title	Credits
2ITCS301	Cyber Security	12
2ITCS302	Computer (Cyber) Forensics	10
2ITCS303	Networking Systems Security	12
2ITCS304	Programming	12
2ITCS305	Database Design and Development	15
2ITCS306	Computing Mathematics	12
2ITCS307	Information Technology Systems Troubleshooting and Repair	15
2ITCS308	Cloud Computing	12
1STU301	Ethics, Corporate Governance and Business Law	12
1STU302	Applied Entrepreneurship and Intrapreneurship	12
1STU304	Action Research Methodology	12
1STU305	Specialized Industrial related Work Experience	50

Bachelor of Technology in Cyber Security

Code No	Unit Title	Credits
2ITCS401	Network Security Management	12
2ITCS402	Information Security Management	12
2ITCS403	Business Intelligence	12
2ITCS404	Advanced Programming	12
2ITCS405	Data Mining	12
2ITCS406	Cryptography	12
2ITCS407	Discrete Mathematics	12
2ITCS408	Computer Systems Architecture	10
1STU401	Corporate Finance	12
1STU402	Corporate Strategy and Planning	12
1STU403	Cyber Security Action Project	20
1STU404	Specialized Professional Practice	30

Applied Education, Training and Innovation Programs

Applied Education and Training

Certificate in Education and Training (Level 4)
Diploma in Education and Training (Level 5)
Diploma in Education and Training Management (Level 6)
Bachelor of Technology in Education and Training Management

Applied Education and Training Programs

Certificate in Education and Training (Level 4)

Code No	Unit Title	Credits
4ETM101	Fundamentals of Education and Training	10
4ETM102	The Professional Role of Educators	10
4ETM103	Facilitation of Learning and Development	12
4ETM104	Assessment of Learners in Education and Training	12
4ETM105	Technology in Education and Training	15
4ETM106	Principles and Practices of Assessments	8
4ETM107	Learners' Learning and Development Needs Assessment	12
4ETM108	Resources utilization in Education and Training	10
1STU101	Applied Business Communication and Technology	10
1STU102	Principles of Entrepreneurship	8
1STU103	Applied Fundamentals of Statistical Methods	10
1STU104	Legal and Ethical Context in Practice	8

Diploma in Education and Training (Level 5)

Code No	Unit Title	Credits
4ETM201	Education and Training Delivery	12
4ETM202	Principles of Learning and Development	8
4ETM203	Assessments of Occupational Competence in the Work Environment	10
4ETM204	Assessments of Vocational and Technical Skills, Knowledge and C.	10
4ETM205	Internal Assurance of Quality Assessments	10
4ETM206	Inclusive Teaching and Learning Methods and Approaches	10
4ETM207	Student Centered preparation for Teaching and Learning Delivery	9
4ETM208	Research and Projects Supervision	10
1STU201	Entrepreneurship and Business Development	10
1STU203	Project Management	10
1STU204	Professional Work Etiquettes and Employability	20
1STU205	Specialized Industrial related Project	20

Diploma in Education and Training (Level 6)

Code No	Unit Title	Credits
4ETM301	Curriculum and Teaching Resources Development	12
4ETM302	Education and Training Leadership Principles	10
4ETM303	Equality and Diversity Management in Education and Trai.	10
4ETM304	Education and Training Theories, Principles and Models	10
4ETM305	Workforce Development through Employers Collaborations	12
4ETM306	The Professional Role of Mentors in Education and Train.	10
4ETM307	Human Resources Management in Education and Training	10
4ETM308	Internally Assuring the Quality of Assessment	12
1STU301	Ethics, Corporate Governance and Business Law	12
1STU302	Applied Entrepreneurship and Intrapreneurship	12
1STU304	Action Research Methodology	12
1STU305	Specialized Education & Training Industrial Work Practice	30

Bachelor of Technology in Education and Training

Code No	Unit Title	Credits
4ETM401	Reflective Practice in Education and Training Leadership	12
4ETM402	Teaching, Learning and Assessment in Education and Training	10
4ETM403	Management of Teaching, Learning and Assessments	12
4ETM404	Education and Training Change Management	10
4ETM405	Contemporary Issues in Education and Training: T, P and P.	12
4ETM406	Education and Training Operations Management Strategy	12
4ETM407	Management of External Quality Assurance of Assessments	12
4ETM408	Management of Pedagogy and Practice in Education and Training	10
1STU401	Corporate Finance	15
1STU402	Corporate Strategy and Planning	12
1STU403	Education and Training Action Project	20
1STU404	Specialized Professional Practice	40

Applied Business, Innovation and Management Programs

Accounting and Finance

Certificate in Accounting and Finance **(**Level 4)
Diploma in Accounting and Finance (Level 5)
Diploma in Accounting and Finance (Level 6)
Bachelor of Technology in Accounting and Finance

Business Management

Certificate in Business Management (Level 4)
Diploma in Business Management (Level 5)
Diploma in Business Management (Level 6)
Bachelor of Technology in Business Management

Procurement & Supply Management

Certificate in Procurement and Supply Operations (Level 4)
Diploma in Procurement and Supply Operations (Level 5)
Diploma in Procurement and Supply Management (Level 6)
Bachelor of Technology in Procurement and Supply Management

Logistics and Transport Management

Certificate in Logistics and Transport Operations (Level 4)
Diploma in Logistics and Transport Operations (Level 5)
Diploma in Logistics and Transport Management (Level 6)
Bachelor of Technology in Logistics and Transport Management

Digital Marketing

Certificate in Digital Marketing (Level 4)
Diploma in Digital Marketing (Level 5)
Diploma in Digital Marketing Management (Level 6)
Bachelor of Technology in Digital Marketing Management
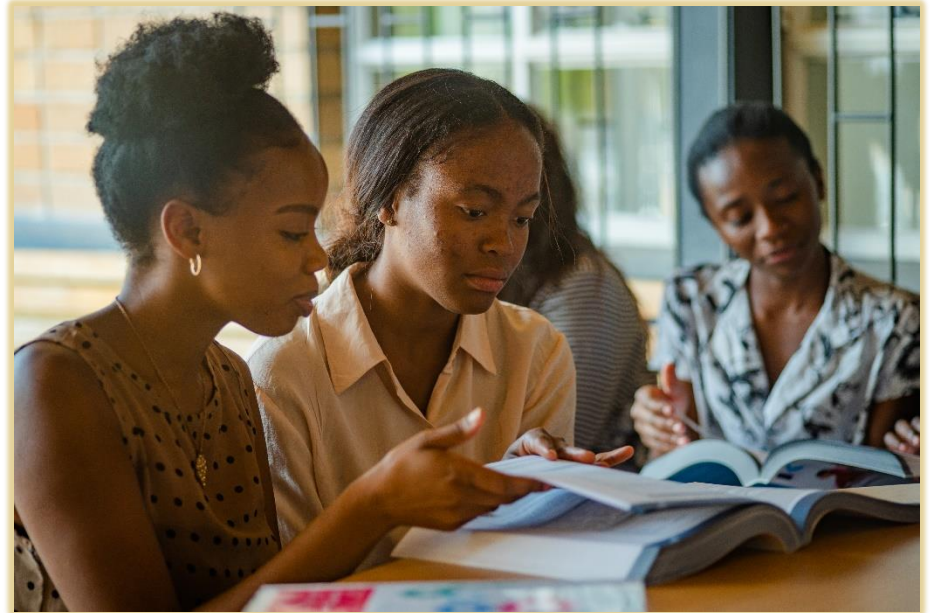
Applied Accounting and Finance Programs

Certificate in Accounting and Finance (Level 4)

Code No	Unit Title	Credits
1ACF101	Management Information	12
1ACF102	Recording Financial Transactions	12
1ACF103	Maintaining Financial Records	10
1ACF104	Managing Costs and Finances	12
1ACF105	Book Keeping	10
1ACF106	Spreadsheets for Accounting	10
1ACF107	Elements of Costing	10
1STU101	Applied Business Communication and Technology	10
1STU102	Principles of Entrepreneurship	8
1STU103	Applied Fundamentals of Statistical Methods	10
1STU104	Legal Ethical and Context of Practice	8

Diploma in Accounting and Finance (Level 5)

Code No	Unit Title	Credits
1ACF201	Fundamentals of Financial Statement Analysis	10
1ACF202	Applied Accounting	12
1ACF203	Cash and Treasury Management	10
1ACF204	Ethics for Accountants	10
1ACF205	Fundamentals of Management Accounting	12
1ACF206	Fundamentals of Financial Accounting	12
1ACF207	Accounting Software Application (SAGE)	10
1STU201	Entrepreneurship and Business Development	10
1STU202	Applied Statistics for Decision Making	12
1STU203	Project Management	10
1STU204	Professional Work Etiquettes and Employability	20
1STU205	Specialized Industry related Project	20

Diploma in Accounting and Finance (Level 6)

Code No	Unit Title	Credits
1ACF301	Business and Technology	10
1ACF302	Applied Business Economics	14
1ACF303	Financial Accounting	12
1ACF304	Management Accounting	12
1ACF305	Principles of Taxation	10
1ACF306	Organizational Operations	12
1ACF307	Principles of Audit	10
1STU301	Ethics, Corporate Governance and Business Law	12
1STU302	Applied Entrepreneurship and Intrapreneurship	12
1STU303	Customer Relationship Management	10
1STU304	Action Research Methodology	12
1STU305	Specialized Industrial Work Experience	30

Bachelor of Technology in Accounting and Finance

Code No	Unit Title	Credits
1ACF401	Managing Finance in a Digital World	12
1ACF402	Performance Management	12
1ACF403	Taxation	10
1ACF404	Financial Reporting	12
1ACF405	Audit and Assurance	12
1ACF406	Financial Management	15
1ACF407	Statistics for Management	12
1ACF408	Operations Management Strategy	12
1STU401	Corporate Finance	15
1STU402	Corporate Strategy and Planning	12
1STU403	Accounting and Finance Action Project	20
1STU404	Specialized Professional Practice	30

Applied Business Management Programs

Certificate in Business Management (Level 4)

Code No	Unit Title	Credits
1BUM101	Business Purposes	8
1BUM102	Recording Financial Transactions	12
1BUM103	Marketing Practices	9
1BUM104	Management in Action	12
1BUM105	Team Building in an Organization	10
1BUM106	Managing People	10
1BUM107	Customer Service	8
1STU101	Applied Business Communication and Technology	10
1STU102	Principles of Entrepreneurship	8
1STU103	Applied Fundamentals of Statistical Methods	10
1STU104	Legal Ethics and Context of Practice	8

Diploma in Business Management (Level 5)

Code No	Unit Title	Credits
1BUM201	Management and Global Business	8
1BUM202	Applied Accounting	8
1BUM203	International Business	8
1BUM204	Exploring Business	8
1BUM205	Applied Managerial Accounting	12
1BUM206	Business Law	10
1BUM207	Digital Marketing	10
1STU201	Entrepreneurship and Business Development	10
1STU202	Applied Statistics for Decision Making	12
1STU203	Project Management	10
1STU204	Professional Work Etiquettes and Employability	20
1STU205	Specialized Industry related Project	20

Diploma in Business Management (Level 6)

Code No	Unit Title	Credits
1BUM301	Business Decision Making in Action	10
1BUM302	Applied Business Economics	12
1BUM303	Marketing Management	10
1BUM304	Organizational Behaviors	10
1BUM305	Human Resource Management	10
1BUM306	Supply Chain Management	12
1BUM307	Performance Operations	14
1STU301	Ethics, Corporate Governance and Business Law	12
1STU302	Applied Entrepreneurship and Intrapreneurship	12
1STU303	Customer Relationship Management	10
1STU304	Action Research Methodology	12
1STU305	Specialized Industry Related Work Experience	30

Bachelor of Technology in Business Management

Code No	Unit Title	Credits
1BUM401	Strategic Business Leader	12
1BUM402	Performance Management	12
1BUM403	International Marketing Management	10
1BUM404	Change Management	10
1BUM405	Project and Relationship Management	12
1BUM406	Managing in Organizations	12
1BUM407	Statistics for Management	12
1BUM408	Operations Management Strategy	12
1STU401	Corporate Finance	15
1STU402	Corporate Strategy and Planning	12
1STU403	Business Management Action Project	20
1STU404	Specialized Professional Practice	40

Applied Digital Marketing Management Programs

Certificate in Digital Marketing (Level 4)

Code No	Unit Title	Credits
1DIM101	Digital Fundamentals	10
1DIM102	Digital Marketing Principles	12
1DIM103	Business Applications of Social Media Marketing	10
1DIM104	Marketing Principles	10
1DIM105	Website Development	8
1DIM106	Creative Digital Media Campaigns Techniques	10
1DIM107	Introduction to Business Environment	8
1DIM108	Digital Customer Service and Experience	12
1STU101	Applied Business Communication and Technology	10
1STU102	Principles of Entrepreneurship	8
1STU103	Applied Fundamentals of Statistical Methods	10
1STU104	Legal and Ethical Context of Practice	8

Diploma in Digital Marketing (Level 5)

Code No	Unit Title	Credits
1DIM201	Applied Digital Marketing Techniques	12
1DIM202	Applied Digital Marketing Campaigns	12
1DIM203	Applied International Marketing	8
1DIM204	Applied Marketing Essentials	10
1DIM205	Applied Social Media Marketing Techniques	10
1DIM206	Applied Selling and Sales Management	8
1DIM207	Applied Marketing Research	10
1STU201	Entrepreneurship and Business Development	10
1STU202	Applied Statistics for Decision Making	12
1STU203	Project Management	10
1STU204	Professional Work Etiquettes and Employability	20
1STU205	Digital Marketing Specialized Industrial Project	20

Diploma in Digital Marketing Management (Level 6)

Code No	Unit Title	Credits
1DIM301	Social Media Marketing Strategy	12
1DIM302	Digital Visualization and Optimization Practices	10
1DIM303	Integrated Marketing Communications Strategy	10
1DIM304	E-Commerce Strategy	12
1DIM305	Digital Marketing Strategy	12
1DIM306	Commercial Negotiation Applications	10
1DIM307	Applied Marketing Management	8
1DIM308	Ethical Consideration in Digital Marketing	12
1STU302	Applied Entrepreneurship and Intrapreneurship	12
1STU303	Customer Relationship Management	10
1STU304	Digital Marketing Action Research Methodology	12
1STU305	Digital Marketing Specialized Industrial Work Experience	30

Bachelor of Technology in Digital Marketing Management

Code No	Unit Title	Credits
1DIM401	Strategic Marketing	12
1DIM402	Digital Marketing Innovation	12
1DIM403	Leading Change in Digitalized Market	12
1DIM404	Digital Marketing Metrics and Analytics	12
1DIM405	Brand Management	12
1DIM406	Emerging Digital Technologies	9
1DIM407	Social Media Marketing Management	10
1DIM408	Statistics for Management	12
1STU401	Corporate Finance	15
1STU402	Corporate Strategy and Planning	12
1STU403	Digital Marketing Action Project	20
1STU404	Digital Marketing Specialized Professional Practice	40

Applied Procurement and Supply Programs

Certificate in Procurement and Supply Operations (Level 4)

Code No	Unit Title	Credits
1PSM101	Principles of Procurement and Supply	10
1PSM102	Procurement and Supply Operations	10
1PSM103	Stakeholder Relationships	10
1PSM104	Systems Technology	12
1PSM105	Inventory, Logistics and Expediting	10
1PSM106	Warehousing and Inventory Principles	10
1PSM107	Effective Supply Chain Development	12
1STU101	Applied Business Communication and Technology	10
1STU102	Principles of Entrepreneurship	8
1STU103	Applied Fundamentals of Statistical Methods	10
1STU104	Legal Ethics and Context of Practice	8

## Diploma in Procurement and Supply Operations (Level 5)

Code No	Unit Title	Credits
1PSM201	Procurement and Supply Environments	10
1PSM202	Ethical Procurement and Supply	10
1PSM203	Contract Administration	10
1PSM204	Team Dynamics and Change	10
1PSM205	Socially Responsible Procurement	8
1PSM206	Business Law	8
1PSM207	Supply Chain Management	10
1STU201	Entrepreneurship and Business Development	10
1STU202	Applied Statistics for Decision Making	12
1STU203	Project Management	10
1STU204	Professional Work Etiquettes and Employability	20
1STU205	Specialized Industry related Project	20

Diploma in Procurement and Supply Management (Level 6)

Code No	Unit Title	Credits
1PSM301	Procurement and Supply Scope and Influence	8
1PSM302	Procurement and Supply Business Needs Analysis	10
1PSM303	Commercial Contracting	8
1PSM304	Ethical and Responsible Sourcing	10
1PSM305	Commercial Negotiating	8
1PSM306	Supplier Relationship	9
1PSM307	Whole Life Asset Management	8
1PSM308	Procurement and Supply Practices	9
1STU301	Ethics, Corporate Governance and Business Law	12
1STU302	Applied Entrepreneurship and Intrapreneurship	12
1STU303	Customer Relationship Management	10
1STU304	Action Research Methodology	12
1STU305	Specialized Industry related Work Experience	30

Bachelor of Technology in Procurement & Supply Management

Code No	Unit Title	Credits
1PSM401	Management of Teams and Individuals	10
1PSM402	Supply Chain Risk Management	12
1PSM403	Contractual Risk Management	12
1PSM404	Advanced Contract and Financial Management	10
1PSM405	Managing Ethical Procurement and Supply	10
1PSM406	Supply Chain and Logistics Management	12
1PSM407	Project and Change Management	11
1PSM408	Operations Management Strategy	12
1STU401	Corporate Finance	15
1STU402	Corporate Strategy and Planning	12
1STU403	Procurement and Supply Action Project	20
1STU404	Specialized Professional Practice	40
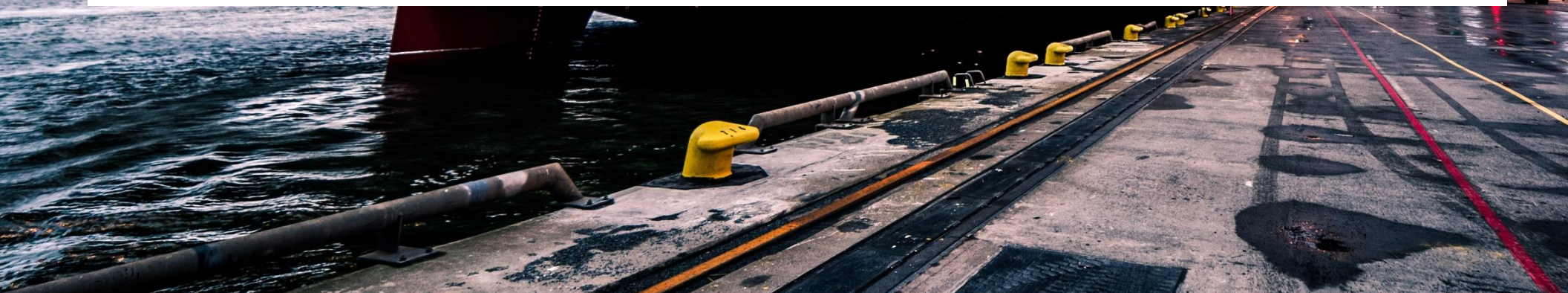
Applied Logistics and Transport Programs

Certificate in Logistics and Transport Operations (Level 4)

Code No	Unit Title	Credits
1LTM101	Logistics and Transport Principles	10
1LTM102	Customer Service and Marketing Principles	10
1LTM103	Freight Transport Services Principles	10
1LTM104	Freight Transport Operation Practices	10
1LTM105	Inventory, Logistics and Expediting	10
1LTM106	Warehousing and Inventory Principles	10
1LTM107	Effective Supply Chain Development	12
1STU101	Applied Business Communication and Technology	10
1STU102	Principles of Entrepreneurship	8
1STU103	Applied Fundamentals of Statistical Methods	10
1STU104	Legal and Ethical Context of Practice	8

Diploma in Logistics and Transport Operations (Level 5)

Code No	Unit Title	Credits
1LTM201	Logistics Business Essentials	12
1LTM202	Logistics Business Application	10
1LTM203	Applied Logistics and Warehousing	8
1LTM204	Applied Logistics and Inventory	8
1LTM205	Applied Freight Transport Operations	10
1LTM206	Business Law	8
1LTM207	Ethical and Responsible Sourcing	10
1STU201	Entrepreneurship and Business Development	10
1STU202	Applied Statistics for Decision Making	12
1STU203	Project Management	10
1STU204	Professional Work Etiquettes and Employability	20
1STU205	Specialized Industrial related Project	20

Diploma in Logistics and Transport Management (Level 6)

Code No	Unit Title	Credits
1LTM301	Management in Logistics and Transport	10
1LTM302	Applied Business Economics	12
1LTM303	Inventory Management	10
1LTM304	Commercial Negotiation	10
1LTM305	Sourcing and Procurement	12
1LTM306	Supply Chain Management	10
1LTM307	Performance Management	12
1STU301	Ethics, Corporate Government and Business Law	12
1STU302	Applied Entrepreneurship and Intrapreneurship	12
1STU303	Customer Relationship Management	10
1STU304	Action Research Methodology	12
1STU305	Specialized Industry related Work Experience	30

Bachelor of Technology in Logistics and Transport Management

Code No	Unit Title	Credits
1LTM401	Transport Operations Management	12
1LTM402	Operations Resource Management	12
1LTM403	Transport Planning Strategies and Techniques	12
1LTM404	Warehousing Management	10
1LTM405	Retail Logistics Management	12
1LTM406	Management of Movement of Goods	10
1LTM407	Statistics for Management	12
1LTM408	Operations Management Strategy	12
1STU401	Corporate Finance	15
1STU402	Corporate Strategy and Planning	12
1STU403	Logistics and Transport Action Project	20
1STU404	Specialized Professional Practice	40

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