

Harare Institute of Technology P O Box BE 277 Belvedere HARARE Tel: 263 4 741422 – 24 263 4 741426 – 31 263 4 741433 – 37 Fax: 263 4 741426 E-mail: admissions@hit.ac.zw Website: www.hit.ac.zw

DEGREE PROGRAMMES OFFERED:

SCHOOL OF BUSINESS AND MANAGEMENT SCIENCES (BMS)		
PROGRAMME & DURATION OF STUDY	ENTRY REQUIREMENTS	CAREER PROSPECTS
BTech Honours Degree in Electronic Commerce (HBEC) 4 years Full Time	Two 'A' level passes which should include one of the following: Mathematics, Accounting or Computer Science and any other subject(s) from the following: Business Studies, Economics, Physics or any relevant commercial subjects. OR National Diploma (ND) in E-Commerce or equivalent plus a minimum of two years relevant post qualification experience. OR Higher National Diploma (HND) in E-Commerce or equivalent.	 Technopreneur E-Commerce Director E-Commerce Consultant E-Commerce Security Executive Marketing Executive IT Manager Database Manager Data Mining Expert Advertising Copywriter Programmer Webmaster Web Designer
BTech Honours Degree in Financial Engineering (HBFE) 4 years Full Time	Three 'A' level passes in Commercial or Science subjects, including Mathematics. OR National Diploma (ND) in Financial Engineering or its equivalent plus a minimum of two years relevant post qualification experience. OR Higher National Diploma (HND) in Financial Engineering or its equivalent.	 Financial Engineer Portfolio Engineer Derivatives Engineers High Frequency Trading Analysts Exotic Credit Trading Associates Fixed Income Commodity Associates Insurance Managers Global Advisory group Analysts Financial Research Consultants Financial Software Developers Financial Risk Managers

	SCHOOL OF BUSINESS AND MANAGEMENT SCIENCES	BMS)
PROGRAMME	ENTRY REQUIREMENTS	CAREER PROSPECTS
BTech Honours Degree in Forensic Accounting and Auditing (HBFA) 4 years Full Time	 Two 'A' level passes in Commercial or Science subjects, including Mathematics or Accounting or Computer Science. OR National Diploma (ND) in Forensic Accounting/Forensic Auditing or its equivalent plus a minimum of two years relevant post qualification experience. OR Higher National Diploma (HND) in Forensic Accounting/Forensic Auditing or its equivalent. NB: An accepted student must submit a Zimbabwe Republic Police Clearance Certificate on the registration day. 	 Technopreneurs in Forensic Accounting & Auditing Forensic Accountants/Auditors Fraud Examiners/Investigators Fraud and Forensics Consultants E-Commerce Crimes Consultants Lead Investigators Fraud Risk Managers Expert Forensic Witnesses Regulatory Compliance Auditors Risk and Compliance Managers Fraud and Forensics Trainers. Anti-money Laundering Officers Fraud Control and Corruption Prevention Practitioners
Master of Technology Degree in Strategy and Innovation (BMSI) 2 years Block Release	Applicants must be holders of an undergraduate degree in the field of Business and Management from a recognised Institution. Applicants with undergraduate degree in Science, Technology, Engineering and Mathematics are also considered provided they have a minimum of 2 years working experience at managerial level.	 Organisational Directors Technology Park Directors Business Developer Innovation and Design Thinkers Technology Strategist Consultants in the following areas; Sustainability Innovation Intellectual Capital New Products and Service Design New Venture Capital
	SCHOOL OF ENGINEERING AND TECHNOLOGY (ET	·)
PROGRAMME	ENTRY REQUIREMENTS	CAREER PROSPECTS
 BTech Honours Degree in Chemical and Process Systems Engineering (HECP) 4 years Full Time 	Three 'A' level passes in Mathematics, Chemistry and a third approved subject such as Physics, Technical Drawing, Computer Science, Biology, Mechanical Engineering or Metallurgy. OR National Diploma (ND) in either Chemical & Process Systems Engineering or equivalent plus a minimum of two years relevant post qualification experience. OR Higher National Diploma (HND) in Chemical & Process Systems Engineering or equivalent.	 Technopreneur Process Engineer Project Engineer Production Manager Technical Manager Technical Director Manufacturing Executive Research Engineer Training Officers Lecturers at Tertiary Institutions

	SCHOOL OF ENGINEERING AND TECHNOLOG	Y (ET)
PROGRAMME	ENTRY REQUIREMENTS	CAREER PROSPECTS
BTech Honours Degree in Electronic Engineering (HEEE) 4 years Full Time	Two'A' level passes in Mathematics and Physics plus and other science subject. National Diploma (ND) in Electronic Engineering or its equivalent plus a minimum of two years relevant post qualification experience. OR Higher National Diploma (HND) in Electronic Engineering or its equivalent.	 Technopreneurship careers Broadcast & TelecommunicationsSystems Engineering Technologist Instrumentation & Control Systems Engineering Technologist Power Electronics Engineering Technologist Embedded Computer Technologist Control Systems Integrator Electrical/Electronic Product Specialist Research Engineering Technologist Industrial Robot Control Systems Engineering Technologist Optimization Network Engineering Technologist Network Designer Project Engineering Technologist Design Engineering Technologist Systems Engineering Technologist Application Engineering Technologist Engineering Technologist Engineering Technologist
BTech Honours Degree in Industrial and Manufacturing Engineering (HEIM)4 years Full Time	Three 'A' level passes in Mathematics and Physics/Physical Science plus any of the following; Chemistry, Computer Science, Engineering Drawing or equivalent. OR National Diploma (ND) in Industrial and Manufacturing Engineering or equivalent plus a minimum of two years relevant post qualification experience. OR Higher National Diploma (HND) in Industrial and Manufacturing Engineering or equivalent.	 Industrial Engineer Plant Manager Manufacturing Manager Manufacturing Engineer Process Engineer Production Engineer Environmental Control Officer Quality Assurance Manager Maintenance Engineer Engineering Consultant
BTech Honours Degree in Polymer Technology and Engineering (HEPT) 4 years Full Time	Two 'A' Level passes in Chemistry and either Mathematics or Physics. OR National Diploma (ND) in Polymer Technology and Engineering or equivalent plus a minimum of two years relevant post qualification experience. OR Higher National Diploma (HND) in Polymer Technology and Engineering or equivalent.	 Technopreneur Polymer Technologist/Engineer Process Technologist/Engineer Research Technologist/Engineer Development Technologist/Engineer Materials Technologist/Engineer Production Manager Technical Manager Quality Assurance Manager Project Manager Industrial Trainer Business Consultant

 B Tech Honours Degree in Materials Technology and Engineering (HEMT) 4 years Full Time 	Three 'A' Level passes in Mathematics, Physics and Chemistry or any other equivalent subject. OR National Diploma (ND) in Materials Technology and Engineering or equivalent plus a minimum of two years relevant post qualification experience. OR Higher National Diploma (HND) in Materials Technology and Engineering or equivalent.	 Technoprenuers Process Engineers Materials Engineers Materials Scientists Forensic Experts Researchers Metallurgists Consultants
 B Tech Honours Degree in Biomedical Engineering (HEBE) 5 years Full Time 	Three 'A' Level passes in Physics, Mathematics and a third approved subject such as Biology, Chemistry, Computer Science or equivalent subject at 'A' Level. OR National Diploma (ND) in Electronic Engineering, Electronic Instrumentation and Control Engineering, Biomedical Technology, Medical Electronics or equivalent plus a minimum of two years relevant post qualification experience. OR Higher National Diploma (HND) in Electronic Engineering, Electronic Instrumentation and Control Engineering, Biomedical Technology, Medical Electronics.	 Medical device industry Manufacturing distributing and maintenance of diagnostic equipment or surgical implants ,design of medical instrumentation and prostheses Quality Management Assurance in Medical Practice Involvement in the development, manufacture and testing of medical products and the management of technology in the hospital system. Specialist Consultants Project Management Research and Development Medical Centers.
Master of Technology (MTech) Degree in Machine Design (EMMD2) 2 years Block Release	Applicants must be holders of a relevant Honours Degree from a recognized Institution. Relevant fields include but are not limited to Industrial and Manufacturing Engineering, Production Engineering, Mechanical Engineering and Mechatronics Engineering.	 Design Engineer Engineering Consultant Research and Development Engineering Global Development
	SCHOOL OF INDUSTRIAL SCIENCES AND TECHNOLOG	Y (ST)
PROGRAMME	ENTRY REQUIREMENTS	CAREER PROSPECTS
BTech Honours Degree in Biotechnology (HSBT) 4 years Full Time	Two 'A' Level passes in Biology and Chemistry, and a third approved subject which could be either Physics or Mathematics. OR National Diploma (ND) in Biotechnology or its equivalent plus a minimum of two years relevant post qualification experience. OR Higher National Diploma (HND) in Biotechnology or its equivalent.	 Resource Industries Agriculture, Aquaculture, Bioenergy, Environment, Forestry, Mining Product Industries

BTech Honours Degree in Food Processing Technology (HSFP) 4 years Full Time	Three 'A' level passes in Chemistry and any other two in Biology, Physics, Mathematics or Food Science. OR National Diploma (ND) in Food Processing Technology or its equivalent plus a minimum of two years relevant post qualification experience. OR Higher National Diploma (HND) in Food Processing Technology or its equivalent.	 Research and Product Development Food Technologist/Engineer Food Microbiologist Food Chemist Process Controller Quality Controller Brew-Master Factory Manager Cheese Maker Quality Assurance Sensory Evaluation Lectureship
	SCHOOL OF ALLIED HEALTH SCIENCES	
PROGRAMME Bachelor of Science Honours Degree in Diagnostic Radiography (HADR) 4 years Full Time	ENTRY REQUIREMENTS Three good 'A' Level passes in Mathematics ,Physics, Biology and Chemistry OR National Diploma (ND) in Radiography or equivalent plus a minimum Of two years relevant post qualification experience. OR Higher National Diploma (HND) in Radiography or equivalent. NB: An accepted student must submit proof of Hepatitis B vaccination on the day of registration	CAREER PROSPECTS Clinical diagnostic radiographer with the ability to specialise in: breast screening/mammography computerised tomography (CT) interventional radiography magnetic resonance imaging MRI medical ultrasound nuclear medicine trauma/accident and emergency radiography practice educator Technopreneur Clinical researcher Academia Industrial Radiographer Radiation Protection Officer Immigration Radiographer Radiation Equipment Sales Representative Quality Assurance Officer
Bachelor of Science Honours Degree in Therapeutic Radiography (HATR) 4 years Full Time	Three good 'A' Level passes in Mathematics ,Physics, Biology and Chemistry OR National Diploma (ND) in Radiography or equivalent plus a minimum Of two years relevant post qualification experience. OR Higher National Diploma (HND) in Radiography or equivalent. NB: An accepted student must submit proof of Hepatitis B vaccination on the day of registration	 Clinical therapy radiographer with the ability to specialise in; mould room techniques medical dosimetry nuclear Medicine on-treatment patient review and support services palliative and end of life care radiotherapy practice educator

Bachelor of Pharmacy Honours Degree (HSPT) 4 years Full Time	Three 'A' Level passes in Chemistry and either Biology, Mathematics or Physics. OR National Diploma (ND) in Pharmaceutical Technology or its equivalent plus a minimum of two years relevant post qualification experience. OR Higher National Diploma (HND) in Pharmaceutical Technology or its equivalent.	 Technopreneur Radiation Protection Officer Radiation Equipment Sales Representative Quality Assurance Officer Ultrasonographer Clinical researcher Academia Technopreneur Pharmaceutical Production Professionals Pharmaceutical Managers Process Control Managers Machinery Managers Quality Control Managers Marketing Professionals Product Development Professionals
	SCHOOL OF INFORMATION SCIENCE AND TECHNOLOG	
PROGRAMME	ENTRY REQUIREMENTS	CAREER PROSPECTS
BTech Honours Degree in Computer Science (HICS) 4 years Full Time	Two 'A' Level passes including Mathematics/Statistics and at least one of the following subjects or their equivalent; Physics or Computer Science or Software Engineering. OR National Diploma (ND) in Computer Science or equivalent plus a minimum of two years relevant post qualification experience. OR Higher National Diploma (HND) in Computer Science or equivalent.	 Technopreneur Network and Systems Administrators Systems and Applications Programmers Computer Engineers Artificial Intelligence Specialists IT Projects Managers Software Engineers Software Engineers Security Analysts Systems Auditors Data Administrators Strategic Analysts Policy Analysts Air Traffic Controllers Intelligence Developers Systems Designers Programmers
BTech Honours Degree in Information Technology (HIIT)	Two 'A' Level passes in Mathematics and Computer Science or any other relevant science subject.	 Hi-Tech Enterprise Developer IT Administrator Software Developer
4 years Full Time	National Diploma (ND) in Information Technology or equivalent plus a minimum of two years relevant post qualification experience.	 Software Developer Web Designer & Administrator Database Administrator

	OR Higher National Diploma (HND) in Information Technology or equivalent.	 Network Administrator Analyst Programmer IT Manager
BTech Honours Degree in Information Security & Assurance (HISA) 4 years Full Time	Two 'A' Level passes including Mathematics and Computer Science/Computing/Physics or any other related science subject. OR National Diploma (ND) in Information Security and Assurance or equivalent plus a minimum of two years relevant post qualification experience. OR Higher National Diploma (HND) in Information Security and Assurance or equivalent.	 Information Security Technopreneurs Cryptographers IT Security Officers IT Managers Computer Security Consultants Corporate Information Systems Managers IT Auditors Business Technology Supervisors Information Systems Security Managers
BTech Honours Degree in Software Engineering (HISE) 4 years Full Time	Two 'A' Level passes in Mathematics/Statistics and at least one of the following subjects or their equivalent; Physics, Computer Science or Software Engineering. OR National Diploma (ND) in Software Engineering or equivalent plus a minimum of two years relevant post qualification experience. OR Higher National Diploma (HND) in Software Engineering or equivalent.	 Software Engineering Technopreneurs Applications Software Engineer Software Developer Computer Programmer Systems Analyst Systems Engineer Computer and Information Systems Managers
Master of Technology (MTech) Degree in Cloud Computing (IMCC2) 2 years Block Release	Applicants must be holders of a relevant Honours Degree from a recognized Institution. Relevant fields include but are not limited to Computer Science, Computer Science and Engineering, Software Engineering, Information Technology, Information Systems and Information Security & Assurance.	 Cloud Architects Cloud Software Engineers Data Scientists Cloud Engineers Cloud Services Developers Application Developers Cloud Security Consultants Cloud Systems Engineer Cloud Network Engineer Cloud Storage Administrators
Master of Technology (MTech) Degree in Computer Science (IMCS2) 2 years Block Release	Applicants must be holders of a relevant Honours Degree from a recognized Institution. Relevant fields include but are not limited to Computer Science and Computer Science & Engineering.	 Computer and Information Research Scientists Computer Network Architects Computer Support Specialists Mobile and Software Application Developer Database Administration Software Engineer

Master of Technology (MTech) Degree in Information Technology (IMIT2) 2 years Block Release	Applicants must be holders of a relevant Honours Degree from a recognized Institution. Relevant fields include but are not limited to Information Technology, Information System, Computer Science, Information Security & Assurance and Software Engineering.	 Video Game Designer Network and Computer Systems Administrator IT Security Specialist Computer Systems Analyst Web Developer Technology Manager Data Scientist Database Manager/Administrator Systems Analyst Computer Support Specialist Human Computer Interaction Specialist Quality Assurance Engineer Business Decision Support Specialist Systems Developer Network Engineer Multimedia Programmer Games Developer Web Developer
Master of Technology (MTech) Degree in Software Engineering (IMSE2) 2 years Block Release	Applicants must be holders of a relevant Honours Degree from a Recognized Institution. Relevant fields include but are not limited to Software Engineering, Software Technology, Computer Science and Computer Science & Engineering.	 Technocrats Software Engineer Software Developer Project Manager Software Tester Software Architect Software Quality Assurance Professional Data Scientist Systems Analyst Systems Engineer Academicians and Researchers