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 (**BEC**) 4 years fulltime	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 (**BFE**) 4 years fulltime	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
BTech Honours Degree in Forensic Accounting and Auditing (**BFA**) 4 years fulltime	Two 'A' level passes in Commercial or Science subjects, including Mathematics. **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 before registration.*	➢ 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 Academics and Researchers ➢ Fraud and Forensics Trainers. ➢ Anti-money Laundering Officers ➢ Fraud Control and Corruption Prevention Practitioners

Diploma in Microfinance (**BDM**) 1 year Part-time	A minimum of 5'O' Levels including English Language and Mathematics, plus two years working experience in microfinance and or related fields **OR** Certificate in Microfinance, relevant undergraduate qualifications or its equivalent.	➤ Senior Managers in Microfinance Institutions/Banks/SACCOs or Cooperatives ➤ Policy Makers within the Micro Finance sector or related sectors ➤ Social Investors ➤ Donor Agencies Officers responsible for microfinance ➤ Board Members of Financial Institutions offering microfinance services
Master of Technology Degree in Strategy and Innovation 3 years Block Release	An undergraduate degree in the field of Business and Management such as Economics, Accounting, Finance, and Marketing. **OR** Any undergraduate degree in the Science, Technology, Engineering, and Mathematics field with at least 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 (**ECP**) 4 years fulltime	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
BTech Honours Degree in Electronic Engineering (**EEE**) 4 years fulltime	Two 'A' level passes in Mathematics and Physics or equivalent. **OR** 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 Technologists ➤ Test Engineering Technologist ➤ Design Engineering Technologist ➤ Systems Engineering Technologist ➤ Application Engineering Technologist ➤ Engineering Manager

BTech Honours Degree in Industrial and Manufacturing Engineering **(EIM)** 4 years fulltime	Three 'A' level passes in Mathematics and Physics plus any other technical or science subject. **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 **(EPT)** 4 years fulltime	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 **EMT** 4 years fulltime	Two 'A' Level passes in Mathematics and Chemistry/Physics **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
Master of Technology (MTech) Degree in Machine Design **(EMMD)** 3 years Block Release	Applicants must be holders of a relevant Honours Degree from a recognized Institution with at least a Lower Second (2.2) class. Relevant fields include but are not limited to Industrial and Manufacturing Engineering, Production Engineering, Mechanical Engineering and Mechatronics Engineering. (2 Years Full time - Conventional)	➢ Design Engineer ➢ Engineering Consultant ➢ Research and Development ➢ Engineering Global Development

SCHOOL OF INDUSTRIAL SCIENCES AND TECHNOLOGY (ST)		
PROGRAMME	**ENTRY REQUIREMENTS**	**CAREER PROSPECTS**

BTech Honours Degree in Biotechnology (**SBT**)
 	
4 years fulltime
	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**
		   Food Processing, Industrial Chemicals, Neutraceticals, Pharmaceuticals, Textiles
		➢ **Bioscience and Human Health**
		➢ Bioinformatics, Genomics, Human Health, Life Sciences, Medical Devices and Diagnostics, Nanotechnology
		   Biotechnology Innovative Hub
		➢ Commercialisation, Marketing and Enterprise Development of Biotechnology related skills, services and their respective products

BTech Honours Degree in Food Processing Technology (**SFP**) 4 years fulltime	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
Bachelor of Pharmacy Honours Degree (**SPT**) 4 years fulltime	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 ➢ Pharmaceutical Production Professionals ➢ Pharmaceutical Managers ➢ Process Control Managers ➢ Machinery Managers ➢ Quality Control Managers ➢ Marketing Professionals ➢ Product Development Professionals
Bachelor of Science Honours Degree in Radiography (**SRA**) 4 years fulltime	Two 'A' Level passes in either Biology, Mathematics, Physics or 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.	➢ Technopreneur ➢ Clinical Radiographer ➢ Industrial Radiographer ➢ Therapy Radiographer ➢ Radiation Protection Officer ➢ Immigration Radiographer ➢ Radiation Equipment Sales Representative ➢ Quality Assurance Officer ➢ Medical Dosimetrist ➢ Ultrasonographer

PROGRAMME	ENTRY REQUIREMENTS	CAREER PROSPECTS
Post Graduate Diploma in Medical Dosimetry (**SDMD**) 2 years Block Release	Diploma in Radiography or equivalent plus two years relevant post qualification experience. **OR** Bachelor of Science Honours Degree in Therapeutic Radiography	➢ Medical Dosimetrist ➢ Radiation Protection Officer ➢ Clinical Supervisor ➢ Quality Assurance Officer ➢ Machine Vendors ➢ Technopreneur ➢ Lectureship
Post Graduate Diploma in Medical Ultrasound (**SDMU**) 18 months Full Time	Diploma in Radiography or equivalent plus two years relevant post qualification experience. **OR** Bachelor of Science Honours Degree in Radiography **OR** Bachelor of Technology Honours Degree in Radiography	➢ Ultrasonographer ➢ Clinical Supervisor ➢ Radiation Protection Officer ➢ Quality Assurance Officer ➢ Machine Ventors ➢ Technopreneur ➢ Lectureship
SCHOOL OF INFORMATION SCIENCE AND TECHNOLOGY (IST)		
PROGRAMME	**ENTRY REQUIREMENTS**	**CAREER PROSPECTS**
BTech Honours Degree in Computer Science (**ICS**) 4 years fulltime	Two 'A' Level passes including Mathematics and Physics or Computer Science or any other relevant science subject. **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 ➢ Security Analysts ➢ Systems Auditors ➢ Data Administrators ➢ Strategic Analysts ➢ Policy Analysts ➢ Air Traffic Controllers ➢ Intelligence Developers ➢ Systems Designers ➢ Programmers
BTech Honours Degree in Information Technology (**IIT**) 4 years fulltime	Two 'A' Level passes including Mathematics and Physics or Computer Science or any other relevant science subject. **OR** National Diploma (ND) in Information Technology or equivalent plus a minimum of two years relevant post qualification experience. **OR** Higher National Diploma (HND) in Information Technology or equivalent.	➢ Hi-Tech Enterprise Developer ➢ IT Administrator ➢ Software Developer ➢ Web Designer & Administrator ➢ Database Administrator ➢ Network Administrator ➢ Analyst Programmer ➢ IT Manager
BTech Honours Degree in Information Security & Assurance (**ISA**) 4 years fulltime	Two 'A' Level passes including Mathematics and Physics or Computer Science and any other relevant science subject. **OR** National Diploma (ND) in Information Security and Assurance or equivalent plus a minimum of two years relevant post qualification experience.	➢ Information Security Technopreneurs ➢ Cryptographers ➢ IT Security Officers ➢ IT Managers ➢ Computer Security Consultants ➢ Corporate Information Systems Managers

	OR	
	Higher National Diploma (HND) in Information Security and Assurance or equivalent.	➢ IT Auditors ➢ Business Technology Supervisors ➢ Information Systems Security Managers
BTech Honours Degree in Software Engineering (**ISE**) 4 years fulltime	Two 'A' Level passes including Mathematics and Physics or any other relevant science subject. **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 (**IMCC**) 3 years Block Release	Applicants must be holders of a relevant Honours Degree from a recognized Institution with at least a Lower Second (2.2) class. Relevant fields include but are not limited to Computer Science, Computer Science and Engineering, Software Engineering, Information Technology, Information Systems and Information Security & Assurance. (2 Years Full time - Conventional)	➢ 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 (**IMCS**) 3 years Block Release	Applicants must be holders of a relevant Honours Degree from a recognized Institution with at least a Lower Second (2.2) class. Relevant fields include but are not limited to Computer Science and Computer Science & Engineering. (2 Years Full time - Conventional)	➢ Computer and Information Research Scientists ➢ Computer Network Architects ➢ Computer Support Specialists ➢ Mobile and Software Application Developer ➢ Database Administration ➢ Software Engineer ➢ Video Game Designer ➢ Network and Computer Systems Administrator ➢ IT Security Specialits ➢ Computer Systems Analyst ➢ Web Developer ➢ Technology Manager ➢ Data Scientist
Master of Technology (MTech) Degree in Information Technology (**IMIT**) 3 years Block Release	Applicants must be holders of a relevant Honours Degree from a recognized Institution with at least a Lower Second (2.2) class. Relevant fields include but are not limited to Information Technology, Information System, Computer Science, Information Security & Assurance and Software Engineering. (2 Years Full time - Conventional)	➢ 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 (**IMSE**) 3 years Block Release	Applicants must be holders of a relevant Honours Degree from a recognized Institution with at least a Lower Second (2.2) class. Relevant fields include but are not limited to Software Engineering, Software	➢ Technocrats ➢ Software Engineer ➢ Software Developer ➢ Project Manager ➢ Software Tester

	Technology, Computer Science and Computer Science & Engineering. (2 Years Full time - Conventional)	➢ Software Architect ➢ Software Quality Assurance Proffessional ➢ Data Scientist ➢ Systems Analyst ➢ Systems Engineer ➢ Academicians and Researchers