

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 ( <b>BEC</b> ) 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. <b>OR</b> National Diploma (ND) in E-Commerce or equivalent plus a minimum of two years relevant post qualification experience. <b>OR</b> Higher National Diploma (HND) in E-Commerce or equivalent.	<ul> <li>Technopreneur</li> <li>E-Commerce Director</li> <li>E-Commerce Consultant</li> <li>E-Commerce Security Executive</li> <li>Marketing Executive</li> <li>IT Manager</li> <li>Database Manager</li> <li>Data Mining Expert</li> <li>Advertising Copywriter</li> <li>Programmer</li> <li>Webmaster</li> <li>Web Designer</li> </ul>
BTech Honours Degree in Financial Engineering ( <b>BFE</b> ) 4 years Full Time	Three 'A' level passes in Commercial or Science subjects, including Mathematics. <b>OR</b> National Diploma (ND) in Financial Engineering or its equivalent plus a minimum of two years relevant post qualification experience. <b>O</b> R Higher National Diploma (HND) in Financial Engineering or its equivalent.	<ul> <li>Financial Engineer</li> <li>Portfolio Engineer</li> <li>Derivatives Engineers</li> <li>High Frequency Trading Analysts</li> <li>Exotic Credit Trading Associates</li> <li>Fixed Income Commodity Associates</li> <li>Insurance Managers</li> <li>Global Advisory group Analysts</li> <li>Financial Research Consultants</li> <li>Financial Software Developers</li> <li>Financial Risk Managers</li> </ul>

	SCHOOL OF BUSINESS AND MANAGEMENT SCIENCES (	BMS)
PROGRAMME	ENTRY REQUIREMENTS	CAREER PROSPECTS
BTech Honours Degree in Forensic Accounting and Auditing ( <b>BFA</b> ) 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.	<ul> <li>Technopreneurs in Forensic Accounting &amp; Auditing</li> <li>Forensic Accountants/Auditors</li> <li>Fraud Examiners/Investigators</li> <li>Fraud and Forensics Consultants</li> <li>E-Commerce Crimes Consultants</li> <li>Lead Investigators</li> <li>Fraud Risk Managers</li> <li>Expert Forensic Witnesses</li> <li>Regulatory Compliance Auditors</li> <li>Risk and Compliance Managers</li> <li>Fraud and Forensics Trainers.</li> <li>Anti-money Laundering Officers</li> <li>Fraud Control and Corruption Prevention Practitioners</li> </ul>
Master of Technology Degree in Strategy and Innovation ( <b>BMSI</b> ) 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.	<ul> <li>Organisational Directors</li> <li>Technology Park Directors</li> <li>Business Developer</li> <li>Innovation and Design Thinkers</li> <li>Technology Strategist</li> <li>Consultants in the following areas;</li> <li>Sustainability Innovation</li> <li>Intellectual Capital</li> <li>New Products and Service Design</li> <li>New Venture Capital</li> </ul>
	SCHOOL OF ENGINEERING AND TECHNOLOGY (ET	
PROGRAMME	ENTRY REQUIREMENTS	CAREER PROSPECTS
<ul><li>BTech Honours Degree in Chemical and Process Systems Engineering (ECP)</li><li>4 years Full Time</li></ul>	Three 'A' level passes in Mathematics, Chemistry and a third approved subject such as Physics, Technical Drawing, Computer Science, Biology, Mechanical Engineering or Metallurgy. <b>OR</b> National Diploma (ND) in either Chemical & Process Systems Engineering or equivalent plus a minimum of two years relevant post qualification experience. <b>OR</b> Higher National Diploma (HND) in Chemical & Process Systems Engineering or equivalent.	<ul> <li>Technopreneur</li> <li>Process Engineer</li> <li>Project Engineer</li> <li>Production Manager</li> <li>Technical Manager</li> <li>Technical Director</li> <li>Manufacturing Executive</li> <li>Research Engineer</li> <li>Training Officers</li> <li>Lecturers at Tertiary Institutions</li> </ul>

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

<ul><li>B Tech Honours Degree in Materials Technology and Engineering (EMT)</li><li>4 years Full Time</li></ul>	Three 'A' Level passes in Mathematics, Physics and Chemistry or any other equivalent subject. <b>OR</b> National Diploma (ND) in Materials Technology and Engineering or equivalent plus a minimum of two years relevant post qualification experience. <b>OR</b> Higher National Diploma (HND) in Materials Technology and Engineering or equivalent.	<ul> <li>Technoprenuers</li> <li>Process Engineers</li> <li>Materials Engineers</li> <li>Materials Scientists</li> <li>Forensic Experts</li> <li>Researchers</li> <li>Metallurgists</li> <li>Consultants</li> </ul>
B Tech Honours Degree in Biomedical Engineering ( <b>EBE</b> ) 5 years Full Time Master of Technology (MTech) Degree in Machine Design ( <b>EMMD</b> )	Three 'A' Level passes in Physics, Mathematics and a third approved subject such as Biology, Chemistry, Computer Science or equivalent subject at 'A' Level.ORNational 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.ORHigher National Diploma (HND) in Electronic Engineering, Electronic Instrumentation and Control Engineering, Biomedical Technology, Medical Electronics.Higher National Diploma (HND) in Electronic Engineering, Electronic Instrumentation and Control Engineering, Biomedical Technology, Medical Electronics.Applicants must be holders of a relevant Honours Degree from a recognized Institution. Relevant fields include but are not limited to Industrial and	<ul> <li>Medical device industry         Manufacturing distributing and maintenance of         diagnostic equipment or surgical implants ,design of         medical instrumentation and prostheses</li> <li>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.</li> <li>Specialist Consultants</li> <li>Project Management         Research and Development Medical Centers.</li> <li>Design Engineer</li> <li>Engineering Consultant</li> </ul>
3 years Block Release	Manufacturing Engineering, Production Engineering, Mechanical Engineering and Mechatronics Engineering. SCHOOL OF INDUSTRIAL SCIENCES AND TECHNOLOG	<ul> <li>Research and Development</li> <li>Engineering Global Development</li> </ul>
PROGRAMME	ENTRY REQUIREMENTS	CAREER PROSPECTS
BTech Honours Degree in Biotechnology (SBT) 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.	<ul> <li>Resource Industries         <ul> <li>Agriculture, Aquaculture, Bioenergy, Environment,             Forestry, Mining</li> <li>Product Industries             <ul></ul></li></ul></li></ul>

<ul><li>BTech Honours Degree in Food Processing Technology (SFP)</li><li>4 years Full Time</li></ul>	Three 'A' level passes in Chemistry and any other two in Biology, Physics, Mathematics or Food Science. <b>OR</b> National Diploma (ND) in Food Processing Technology or its equivalent plus a minimum of two years relevant post qualification experience. <b>OR</b> Higher National Diploma (HND) in Food Processing Technology or its equivalent.	<ul> <li>Research and Product Development</li> <li>Food Technologist/Engineer</li> <li>Food Microbiologist</li> <li>Food Chemist</li> <li>Process Controller</li> <li>Quality Controller</li> <li>Brew-Master</li> <li>Factory Manager</li> <li>Cheese Maker</li> <li>Quality Assurance</li> <li>Sensory Evaluation</li> <li>Lectureship</li> </ul>
Bachelor of Pharmacy Honours Degree ( <b>SPT</b> ) 4 years Full Time	Three 'A' Level passes in Chemistry and either Biology, Mathematics or Physics. <b>OR</b> National Diploma (ND) in Pharmaceutical Technology or its equivalent plus a minimum of two years relevant post qualification experience. <b>OR</b> Higher National Diploma (HND) in Pharmaceutical Technology or its equivalent. <b>SCHOOL OF ALLIED HEALTH SCIENCES</b>	<ul> <li>Technopreneur</li> <li>Pharmaceutical Production Professionals</li> <li>Pharmaceutical Managers</li> <li>Process Control Managers</li> <li>Machinery Managers</li> <li>Quality Control Managers</li> <li>Marketing Professionals</li> <li>Product Development Professionals</li> </ul>
PROGRAMME	ENTRY REQUIREMENTS	CAREER PROSPECTS
Bachelor of Science Honours Degree in Radiography ( <b>SRA</b> ) 4 years Full Time	Three good 'A' Level passes in Mathematics ,Physics, Biology and Chemistry <b>OR</b> National Diploma (ND) in Radiography or equivalent plus a minimum Of two years relevant post qualification experience. <b>OR</b> Higher National Diploma (HND) in Radiography or equivalent. <b>NB:</b> An accepted student must submit proof of Hepatitis B vaccination on the day of registration	<ul> <li>Technopreneur</li> <li>Clinical Radiographer</li> <li>Industrial Radiographer</li> <li>Therapy Radiographer</li> <li>Radiation Protection Officer</li> <li>Immigration Radiographer</li> <li>Radiation Equipment Sales Representative</li> <li>Quality Assurance Officer</li> <li>Medical Dosimetrist</li> <li>Ultrasonographer</li> </ul>
Post Graduate Diploma in Medical Dosimetry ( <b>SDMD</b> ) 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	<ul> <li>Medical Dosimetrist</li> <li>Radiation Protection Officer</li> <li>Clinical Supervisor</li> <li>Quality Assurance Officer</li> <li>Machine Vendors</li> <li>Technopreneur</li> <li>Lectureship</li> </ul>

Post Graduate Diploma in Medical Ultrasound ( <b>SDMU</b> ) 2 years 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	<ul> <li>Ultrasonographer</li> <li>Clinical Supervisor</li> <li>Radiation Protection Officer</li> <li>Quality Assurance Officer</li> <li>Machine Ventors</li> <li>Technopreneur</li> <li>Lectureship</li> </ul>
PROGRAMME	SCHOOL OF INFORMATION SCIENCE AND TECHNOLOG ENTRY REQUIREMENTS	CAREER PROSPECTS
<ul><li>BTech Honours Degree in Computer Science (ICS)</li><li>4 years Full Time</li></ul>	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. <b>OR</b> National Diploma (ND) in Computer Science or equivalent plus a minimum of two years relevant post qualification experience. <b>OR</b> Higher National Diploma (HND) in Computer Science or equivalent.	<ul> <li>Technopreneur</li> <li>Network and Systems Administrators</li> <li>Systems and Applications Programmers</li> <li>Computer Engineers</li> <li>Artificial Intelligence Specialists</li> <li>IT Projects Managers</li> <li>Software Engineers</li> <li>Software Engineers</li> <li>Security Analysts</li> <li>Systems Auditors</li> <li>Data Administrators</li> <li>Strategic Analysts</li> <li>Policy Analysts</li> <li>Air Traffic Controllers</li> </ul>
BTech Honours Degree in Information Technology ( <b>IIT</b> ) 4 years Full Time	Two 'A' Level passes in Mathematics and Computer Science or any other relevant science subject. <b>OR</b> National Diploma (ND) in Information Technology or equivalent plus a minimum of two years relevant post qualification experience. <b>OR</b> Higher National Diploma (HND) in Information Technology or equivalent.	<ul> <li>Intelligence Developers</li> <li>Systems Designers</li> <li>Programmers</li> <li>Hi-Tech Enterprise Developer</li> <li>IT Administrator</li> <li>Software Developer</li> <li>Web Designer &amp; Administrator</li> <li>Database Administrator</li> <li>Network Administrator</li> <li>Analyst Programmer</li> <li>IT Manager</li> </ul>
BTech Honours Degree in Information Security & Assurance ( <b>ISA</b> ) 4 years Full Time	Two 'A' Level passes including Mathematics and Computer Science/Computing/Physics or any other related science subject. <b>OR</b> National Diploma (ND) in Information Security and Assurance or equivalent plus a minimum of two years relevant post qualification experience. <b>OR</b> Higher National Diploma (HND) in Information Security and Assurance or equivalent.	<ul> <li>Information Security Technopreneurs</li> <li>Cryptographers</li> <li>IT Security Officers</li> <li>IT Managers</li> <li>Computer Security Consultants</li> <li>Corporate Information Systems Managers</li> <li>IT Auditors</li> <li>Business Technology Supervisors</li> <li>Information Systems Security Managers</li> </ul>

SCHOOL OF INFORMATION SCIENCE AND TECHNOLOGY (IST)		
PROGRAMME	ENTRY REQUIREMENTS	CAREER PROSPECTS
BTech Honours Degree in Software Engineering ( <b>ISE</b> ) 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. <b>OR</b> National Diploma (ND) in Software Engineering or equivalent plus a minimum of two years relevant post qualification experience. <b>OR</b> Higher National Diploma (HND) in Software Engineering or equivalent.	<ul> <li>Software Engineering Technopreneurs</li> <li>Applications Software Engineer</li> <li>Software Developer</li> <li>Computer Programmer</li> <li>Systems Analyst</li> <li>Systems Engineer</li> <li>Computer and Information Systems Managers</li> </ul>
Master of Technology (MTech) Degree in Cloud Computing ( <b>IMCC</b> ) 3 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.	<ul> <li>Cloud Architects</li> <li>Cloud Software Engineers</li> <li>Data Scientists</li> <li>Cloud Engineers</li> <li>Cloud Services Developers</li> <li>Application Developers</li> <li>Cloud Security Consultants</li> <li>Cloud Systems Engineer</li> <li>Cloud Network Engineer</li> <li>Cloud Storage Administrators</li> </ul>
Master of Technology (MTech) Degree in Computer Science ( <b>IMCS</b> ) 3 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.	<ul> <li>Computer and Information Research Scientists</li> <li>Computer Network Architects</li> <li>Computer Support Specialists</li> <li>Mobile and Software Application Developer</li> <li>Database Administration</li> <li>Software Engineer</li> <li>Video Game Designer</li> <li>Network and Computer Systems Administrator</li> <li>IT Security Specialist</li> <li>Computer Systems Analyst</li> <li>Web Developer</li> <li>Technology Manager</li> <li>Data Scientist</li> </ul>
Master of Technology (MTech) Degree in Information Technology ( <b>IMIT</b> ) 3 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.	<ul> <li>Database Manager/Administrator</li> <li>Systems Analyst</li> <li>Computer Support Specialist</li> <li>Human Computer Interaction Specialist</li> <li>Quality Assurance Engineer</li> <li>Business Decision Support Specialist</li> <li>Systems Developer</li> <li>Network Engineer</li> <li>Multimedia Programmer</li> <li>Games Developer</li> <li>Web Developer</li> </ul>

Master of Technology (MTech) Degree in Software Engineering (IMSE)	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	<ul> <li>Technocrats</li> <li>Software Engineer</li> <li>Software Developer</li> </ul>
3 years Block Release	Computer Science & Engineering.	<ul> <li>Project Manager</li> <li>Software Tester</li> <li>Software Architect</li> <li>Software Quality Assurance Professional</li> <li>Data Scientist</li> <li>Systems Analyst</li> <li>Systems Engineer</li> <li>Academicians and Researchers</li> </ul>