



Harare  
Institute of  
Technology

*success through innovation*

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](mailto:admissions@hit.ac.zw)  
Website: [www.hit.ac.zw](http://www.hit.ac.zw)

**DEGREE PROGRAMMES OFFERED:**

**SCHOOL OF BUSINESS AND MANAGEMENT SCIENCES (BMS)**

PROGRAMME	ENTRY REQUIREMENTS	DURATION OF STUDY	CAREER PROSPECTS
Electronic Commerce ( <b>BEC</b> )	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.	4 years	<ul style="list-style-type: none"> <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>
Financial Engineering ( <b>BFE</b> )	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>OR</b> Higher National Diploma (HND) in Financial Engineering or its equivalent.	4 years	<ul style="list-style-type: none"> <li>➤ Financial Engineer</li> <li>➤ Portfolio Engineer</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>
Forensic Accounting and Auditing ( <b>BFA</b> )	Two 'A' level passes in Commercial or Science subjects, including Mathematics. <b>OR</b> National Diploma (ND) in Forensic Accounting/Forensic Auditing or its equivalent plus a minimum of two years relevant post qualification experience. <b>OR</b> Higher National Diploma (HND) in Forensic Accounting/Forensic Auditing its equivalent.	4 years	<ul style="list-style-type: none"> <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> </ul>

	<i>In addition, an accepted student must be vetted for criminal history by Zimbabwe Republic Police and a Clearance Certificate must be issued and submitted to the Institute before registration.</i>		<ul style="list-style-type: none"> <li>➤ Risk and Compliance Managers</li> <li>➤ Fraud and Forensics Academics and Researchers</li> <li>➤ Fraud and Forensics Trainers.</li> <li>➤ Anti-money Laundering Officers</li> <li>➤ Fraud Control and Corruption Prevention Practitioners</li> </ul>
<b>SCHOOL OF ENGINEERING AND TECHNOLOGY (ET)</b>			
<b>PROGRAMME</b>	<b>ENTRY REQUIREMENTS</b>	<b>DURATION OF STUDY</b>	<b>CAREER PROSPECTS</b>
Chemical and Process Systems Engineering <b>(ECP)</b>	<p>Three 'A' level passes in Mathematics, Chemistry and a third approved subject such as Physics, Technical Drawing, Computer Science Biology, Mechanical Engineering or Metallurgy.</p> <p style="text-align: center;"><b>OR</b></p> <p>National Diploma (ND) in either Chemical &amp; Process Systems Engineering or equivalent plus a minimum of two years relevant post qualification experience.</p> <p style="text-align: center;"><b>OR</b></p> <p>Higher National Diploma (HND) in Chemical &amp; Process Systems Engineering or equivalent.</p>	4 years	<ul style="list-style-type: none"> <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>
Electronic Engineering <b>(EEE)</b>	<p>Two 'A' level passes in Mathematics and Physics or equivalent.</p> <p style="text-align: center;"><b>OR</b></p> <p>National Diploma (ND) in Electronic Engineering or its equivalent plus a minimum of two years relevant post qualification experience.</p> <p style="text-align: center;"><b>OR</b></p> <p>Higher National Diploma (HND) in Electronic Engineering or its equivalent.</p>	4 years	<ul style="list-style-type: none"> <li>➤ Technopreneurship careers</li> <li>➤ Broadcast &amp; Telecommunications Systems 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 Technologists</li> <li>➤ Test Engineering Technologist</li> <li>➤ Design Engineering Technologist</li> <li>➤ Systems Engineering Technologist</li> <li>➤ Application Engineering Technologist</li> <li>➤ Engineering Manager</li> </ul>
Industrial and Manufacturing Engineering <b>(EIM)</b>	<p>Three 'A' level passes in Mathematics and Physics plus any other technical or science subject.</p> <p style="text-align: center;"><b>OR</b></p> <p>National Diploma (ND) in Industrial and Manufacturing Engineering or equivalent plus a minimum of two years relevant post qualification experience.</p>	4 years	<ul style="list-style-type: none"> <li>➤ Industrial Engineer</li> <li>➤ Plant Manager</li> <li>➤ Manufacturing Manager</li> <li>➤ Manufacturing Engineer</li> <li>➤ Process Engineer</li> <li>➤ Production Engineer</li> </ul>

	<p style="text-align: center;"><b>OR</b></p> <p>Higher National Diploma (HND) in Industrial and Manufacturing Engineering or equivalent.</p>		<ul style="list-style-type: none"> <li>➤ Environmental Control Officer</li> <li>➤ Quality Assurance Manager</li> <li>➤ Maintenance Engineer</li> <li>➤ Engineering Consultant</li> </ul>
Polymer Technology and Engineering (EPT)	<p>Two 'A' Level passes in Chemistry and either Mathematics or Physics</p> <p style="text-align: center;"><b>OR</b></p> <p>National Diploma (ND) in Polymer Technology and Engineering or equivalent plus a minimum of two years relevant post qualification experience.</p> <p style="text-align: center;"><b>OR</b></p> <p>Higher National Diploma (HND) in Polymer Technology and Engineering or equivalent.</p>	4 years	<ul style="list-style-type: none"> <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>

**SCHOOL OF INDUSTRIAL SCIENCES AND TECHNOLOGY (ST)**

PROGRAMME	ENTRY REQUIREMENTS	DURATION OF STUDY	CAREER PROSPECTS
Biotechnology (SBT)	<p>Two 'A' Level passes in Biology and Chemistry, and a third approved subject which could be either Physics or Mathematics.</p> <p style="text-align: center;"><b>OR</b></p> <p>National Diploma (ND) in Biotechnology or its equivalent plus a minimum of two years relevant post qualification experience.</p> <p style="text-align: center;"><b>OR</b></p> <p>Higher National Diploma (HND) in Biotechnology or its equivalent.</p>	4 years	<ul style="list-style-type: none"> <li>➤ <b>Resource Industries</b> Agriculture, Aquaculture, Bioenergy, Environment, Forestry, Mining</li> <li>➤ <b>Product Industries</b> Food Processing, Industrial Chemicals, Nutraceuticals, Pharmaceuticals, Textiles</li> <li>➤ <b>Bioscience and Human Health</b> Bioinformatics, Genomics, Human Health, Life Sciences, Medical Devices and Diagnostics, Nanotechnology</li> <li>➤ <b>Biotechnology Innovative Hub</b> Commercialisation, Marketing and Enterprise Development of Biotechnology related skills, services and their respective products</li> </ul>
Food Processing Technology (SFP)	<p>Three 'A' level passes in Chemistry and any other two in Biology, Physics, Mathematics or Food Science.</p> <p style="text-align: center;"><b>OR</b></p> <p>National Diploma (ND) in Food Processing Technology or its equivalent plus a minimum of two years relevant post qualification experience.</p> <p style="text-align: center;"><b>OR</b></p> <p>Higher National Diploma (HND) in Food Processing Technology or its equivalent.</p>	4 years	<ul style="list-style-type: none"> <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> </ul>

			<ul style="list-style-type: none"> <li>➤ Cheese Maker</li> <li>➤ Quality Assurance</li> <li>➤ Sensory Evaluation</li> <li>➤ Lectureship</li> </ul>
Pharmacy (SPT)	<p>Three 'A' Level passes in Chemistry and either Biology, Mathematics or Physics.</p> <p style="text-align: center;"><b>OR</b></p> <p>National Diploma (ND) in Pharmaceutical Technology or its equivalent plus a minimum of two years relevant post qualification experience.</p> <p style="text-align: center;"><b>OR</b></p> <p>Higher National Diploma (HND) in Pharmaceutical Technology or its equivalent.</p>	4 years	<ul style="list-style-type: none"> <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>

**SCHOOL OF INFORMATION SCIENCE AND TECHNOLOGY (IST)**

<b>PROGRAMME</b>	<b>ENTRY REQUIREMENTS</b>	<b>DURATION OF STUDY</b>	<b>CAREER PROSPECTS</b>
Computer Science (ICS)	<p>Two 'A' Level passes including Mathematics and Physics or Computer Science or any other relevant science subject.</p> <p style="text-align: center;"><b>OR</b></p> <p>National Diploma (ND) in Computer Science or equivalent plus a minimum of two years relevant post qualification experience.</p> <p style="text-align: center;"><b>OR</b></p> <p>Higher National Diploma (HND) in Computer Science or equivalent.</p>	4 years	<ul style="list-style-type: none"> <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>➤ Security Analysts</li> <li>➤ Systems Auditors</li> <li>➤ Data Administrators</li> <li>➤ Strategic Analysts</li> <li>➤ Policy Analysts</li> <li>➤ Air Traffic Controllers</li> <li>➤ Intelligence Developers</li> <li>➤ Systems Designers</li> <li>➤ Programmers</li> </ul>
Information Technology (IIT)	<p>Two 'A' Level passes including Mathematics and Physics or Computer Science or any other relevant science subject.</p> <p style="text-align: center;"><b>OR</b></p> <p>National Diploma (ND) in Information Technology or equivalent plus a minimum of two years relevant post qualification experience.</p> <p style="text-align: center;"><b>OR</b></p> <p>Higher National Diploma (HND) in Information Technology or equivalent.</p>	4 years	<ul style="list-style-type: none"> <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>
Information Security & Assurance (ISA)	<p>Two 'A' Level passes including Mathematics and Physics or Computer Science and any other relevant science subject.</p>	4 years	<ul style="list-style-type: none"> <li>➤ Information Security Technopreneurs</li> <li>➤ Cryptographers</li> </ul>

	<p style="text-align: center;"><b>OR</b></p> <p>National Diploma (ND) in Information Security and Assurance or equivalent plus a minimum of two years relevant post qualification experience.</p> <p style="text-align: center;"><b>OR</b></p> <p>Higher National Diploma (HND) in Information Security and Assurance or equivalent.</p>		<ul style="list-style-type: none"> <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>
Software Engineering ( <b>ISE</b> )	<p>Two 'A' Level passes including Mathematics and Physics or any other relevant science subject.</p> <p style="text-align: center;"><b>OR</b></p> <p>National Diploma (ND) in Software Engineering or equivalent plus a minimum of two years relevant post qualification experience.</p> <p style="text-align: center;"><b>OR</b></p> <p>Higher National Diploma (HND) in Software Engineering or equivalent.</p>	4 years	<ul style="list-style-type: none"> <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>