



THE TECHNOLOGY CENTRE

The Technology Centre, a Strategic Unit of Harare Institute of Technology, is offering the following intensive short-term courses for continuous professional development to interested corporate organisations, entrepreneurs, professionals and semi-skilled personnel. You are awarded a proficiency related certificate at the end of each training based on performance merit.

Field	Course Title	Fees (include teas & lunches (US\$))	Session Period	Maximum number of students
Manufacturing	Computer Aided Design & Draughting (CADD)	500	5 days	10
	Computer Aided Design with Pro-Eng	500	5 days	10
	Autodesk Inventor	500	10 days	10
	Autodesk Inventor Parametric Modelling	500	5 days	10
	Computer Numerically Controlled Machining (CNC)	500	10 days	10
	Computer Assisted Gear Hobbing	500	10 days	10
	Computer Aided Manufacturing (CAD/CAM/CAE)	1000	10 days	10
	Basic Welding Technology (Arc/Spot/Gas)	300	5 days	10
	Tungsten Inert Gas Welding (TIG/GTAW)	400	5 days	10
	Metal Inert Gas Welding (MIG/GMAW/CO ₂)	400	5 days	10
	Finite Element Analysis with ANSYS	600	5 days	10
	Applied Hydraulics & Pneumatics	300	5 days	10
	Refrigeration & Air Conditioning Servicing and Repair	400	5 days	10
	Product Development & Manufacturing Tooling Technology	1500	10 days	10
	Work Measurement	500	2 days	20
	Problem Solving and Decision Making	600	5 days	20
	Design of Experiments with Design Expert software	700	5 days	10
	Facilities and Workplace Design	500	2 days	15
	White Belt Lean Six Sigma for Process Improvement	300	1 day	20
	Yellow Belt Lean Six Sigma for Process Improvement	600	3 days	20
	Green Belt Lean Six Sigma for Process Improvement	1000	10 days	20
	Black Belt Lean Six Sigma for Process Improvement	2000	20 days	20
	Reliability Centered Maintenance	400	5 days	20
	Total Productive Maintenance	500	5 days	20
	Destructive Testing Techniques	300	3 days	10
	Non-destructive Testing Techniques – Level 1	400	5 days	10
	Non-destructive Testing Techniques – Level 2	600	10 days	10
	Taguchi Design of Experiments for Robust Design	500	3 days	20
	Centrifugal Pump Design & Applications	400	5 days	100
	ICT	Database Design	500	10 days
Introduction to Visual Basic .Net Programming		600	10 days	20
Applied Project Management in an Information Technology Environment		500	5 days	20
C++ Programming		600	10 days	20
Introduction to Java Programming		500	10 days	20
Linux Administration I		300	3 days	20

Information Security	Forensics 1: Incidents & Incident Response Methodology	500	2 days	20
	Forensics 2: Pre-incident Preparation, Detection & Post Detection	500	2 days	20
	Forensics 3: Computer Forensic Investigations	600	2 days	20
	Forensics 4: Computer Forensic Data Collection	600	2 days	20
	Forensics 5: Computer Forensic Data Analysis Techniques & Reporting	600	2 days	20
	Forensics 6: Mobile Phone Forensics	600	2 days	20
	Introduction to Cyber Security	400	2 days	20
	Incident Response and Computer Forensics	400	2 days	20
	Information Security & Risk Management	400	2 days	20
	Penetration Testing & Ethical Hacking	400	2 days	20
	Python for Information Security	400	2 days	20
Bio-pharmacy	Viral Vaccine Manufacture	1500	5 days	10
	Commercialization of New Biological Drugs	300	1 day	20
	Bio-pharmaceutical Analysis	1000	3 days	10
	Downstream Bio-pharmaceutical Processes Design	1100	3 days	10
	Navigating a Changing Pharmaceutical Regulatory System	500	3 days	10
	Fermentation Engineering	1100	3 days	10
	Formulation & Stabilization of Bio therapeutics	1800	3 days	10
Bio-technology	Oyster Mushroom Production	40	1 day	20
	Cell Culture Bioreactors for MAb Production	1100	3 days	10
	Fundamentals of Mammalian Cell Line Development	1000	3 days	20
	Microbial Contamination Control in Bioprocessing Operations	800	4 days	20
	Biosafety Elements and Biorisk Management	800	5 days	20
	Biomanufacturing	800	5 days	20
Energy	Energy Efficiency Enhancement in Industry	600	5 days	10
	Thermal Use of Solar Energy	300	3 days	10
	Hybrid Renewable Energy Systems	500	3 days	10
	Biogas Plant Design and Construction	700	5 days	15
Electronics	Programmable Logic Controllers (Siemens PLCs)	300	5 days	10
	AC Drives	300	5 days	10
	Electronic Circuit Design	200	5 days	15
	Instruments & Calibration	500	5 days	10
	Digital Control Systems Design	500	5 days	10
Technopreneurship Development & Leadership	Organizational Transformation and Change Management	600	3 days	20
	Enterprise Risk Management	500	3 days	20
	Warehousing Management	500	2 days	10
	Projects Team Leadership and Goal Getting	300	2 days	20
	Technopreneurship Development	500	5 days	10
	Strategic Leadership	1000	5 days	20
	Project Management, Monitoring and Evaluation	500	5 days	10
	Finance for Project Managers	300	3 days	10
	Business Proposal Writing	500	5 days	10
	Business Ethics and Corporate Governance	500	5 days	10
	New Venture Creation & Entrepreneurship	500	5 days	10
	Innovation and Business Incubation	200	2 days	10
	Team Building and Conflict Management	200	2 days	10
	Intellectual Property Management	200	2 days	10
	Sales and Marketing Management	300	3 days	10
	HR and Strategy Consulting	300	3 days	10
	Auditing services, Cash flow Statements and preparation of financial statements	400	4 days	10
Negotiating and contracting in Procurement and Supply for	300	3 days	10	

	Negotiating and contracting in Procurement and Supply for Technicians and Engineers	300	3 days	10
	Real Estate Management	300	3 days	10
	Research proposal writing training	300	3 days	10
Business Management	Financial Management for Engineers	300	3 days	20
	Digital Marketing	1000	5 days	20
	Technology & Innovation Management	1000	5 days	20
	Electronic Commerce Overview	300	2 days	20
	Decision Support Systems	800	5 days	20
	Enterprise Resources Planning	1000	5 days	20
Food Processing	Non-thermal Technologies	800	5 days	20
	Food Hygiene	500	5 days	20
	Water Microbiology	500	5 days	20
	Fermented Dairy Products	500	5 days	20
	Solar Drying of Fruits	400	5 days	20
	Solar Drying of Vegetables	250	3 days	20
	Poultry Processing Technology	300	3 days	20
	Sorghum Processing Technology	300	5 days	20
	Vegetable Oil Expression	400	5 days	20
	Food Engineering	1000	5 days	20
	Food Chemistry	800	5 days	20
	Food Quality Assurance	700	5 days	20
	Food Laboratory Techniques	400	5 days	20
Chemical	Landfill Technology	800	5 days	20
	Soaps and Detergents Manufacture	500	5 days	20
	Paper Manufacture	500	5 days	20
	Water Treatment Processes	600	5 days	10
	Chemical Processes	600	5 days	10
	Corrosion Protection Techniques	600	5 days	10
	Introduction to Portable Water Treatment	600	5 days	10
	Practical Distillation Technology	1000	3 days	10
Safety, Health and Environment	Anaerobic and Biological Processes of Waste	600	5 days	10
	Applied Environmental Informatics	600	5 days	10
	Wetlands and Catchment Management	600	5 days	10
	Environmental Legislations & Auditing	600	5 days	10
	Environmental Impact Assessment	600	5 days	10
	Safety, Health & Environment (SHE)	600	5 days	10
	Evaluating Sustainability	600	5 days	10
	Health, Sanitation and Wastewater Treatment	600	5 days	10
	Waste Composting	600	5 days	10
	Waste Disposal and Resource Recovery	600	5 days	10
	HAZOP	600	5 days	10
	Fundamentals of Process Safety	600	5 days	10
	Hazard Study Awareness	200	1 day	10
	Human factors in Health and Safety	500	2 days	10
	Process Safety Management	1000	5 days	10
	Carbon Foot-printing	300	2 days	10
	Occupational Health	300	2 days	10
	Risk Assessment Techniques	500	3 days	10
Safety Auditing	400	2 days	10	

Conventional training sessions are scheduled as fixed in our 2018 calendar. Weekend, Evening, Block Release and Outreach sessions are opened as per group request.

For further details contact: Reception on 04 741 434 or 04 741 427/8 ext.n 2222-3 or send e-mail to tc@hit.ac.zw or visit www.hit.ac.zw for more details.

2018 Training Calendar

Session 1: 05 - 16 February 2018
Session 2: 02 - 13 April 2018
Session 3: 02 - 13 July 2018
Session 4: 10 - 21 September 2018
Session 5: 03 - 14 December 2018

NB: Customised courses that are not listed above can be arranged subject to customer request. We also provide technical consultancy services in a number of fields related to the above as well as specialised jobbing activities.

Below Are Our Banking Details:

**CBZ
Sapphire Branch
A/c #: 02420583120037**