

The Technology Centre, a Strategic Unit of Harare Institute of Technology, is offering the following intensive short-term courses for competence development to interested corporate organisations, entrepreneurs and professionals. 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	Field	Course Title	Fees (include teas & lunches (US\$))	Session Period	Maximum number of students
Manufacturing	Computer Aided Design & Draughting (CADD)	500	5 days	10	Chemical	Landfill Technology	800	5 days	20
	Autodesk Inventor	400	5 days	10		Soaps and Detergents Manufacture	500	5 days	20
	Computer Aided Manufacturing (CAD/CAM/CAE)	1000	10 days	10		Paper Manufacture	500	5 days	20
	Applied Hydraulics & Pneumatics	300	5 days	10		Water Treatment Processes	600	5 days	10
	Basic Welding Technology (Arc/Spot/Gas)	300	5 days	10		Chemical Processes	600	5 days	10
	Aluminum Welding (TIG)	400	5 days	5		Corrosion Protection Techniques	600	5 days	10
	Metal Inert Gas Welding (MIG)	400	5 days	5		Introduction to Portable Water Treatment	600	5 days	10
	Finite Element Analysis with ANSYS	600	5 days	10		Practical Distillation Technology	1000	3 days	10
	Computer Aided Design with Pro-Eng	500	5 days	10	Safety, Health and Environment	Anaerobic and Biological Processes of Waste	600	5 days	10
	Refrigeration & Air Conditioning Service and Repair	400	5 days	10		Applied Environmental Informatics	600	5 days	10
	Autodesk Inventor Parametric Modelling	500	5 days	10		Wetlands and Catchment Management	600	5 days	10
	Product Development & Manufacturing Tooling Technology	1500	10 days	10		Environmental Legislations & Auditing	600	5 days	10
	Work Measurement	500	2 days	20		Environmental Impact Assessment	600	5 days	10
	Problem Solving and Decision Making	600	5 days	20		Safety, Health & Environment (SHE)	600	5 days	10
	Design of Experiments with Design Expert software	700	5 days	10		Evaluating Sustainability	600	5 days	10
	Facilities and Workplace Design	500	2 days	15		Health, Sanitation and Wastewater Treatment	600	5 days	10
	Yellow Belt Lean Six Sigma for Process Improvement	200	1 day	20		Waste Composting	600	5 days	10
	White Belt Lean Six Sigma for Process Improvement	500	2 days	20		Waste Disposal and Resource Recovery	600	5 days	10
	Green Belt Lean Six Sigma for Process Improvement	1000	3 days	20		HAZOP	600	5 days	10
	Black Belt Lean Six Sigma for Process Improvement	2000	8 days	20		Fundamentals of Process Safety	600	5 days	10
	Reliability Centered Maintenance	400	5 days	20		Hazard Study Awareness	200	1 day	10
	Total Productive Maintenance	500	5 days	20		Human factors in Health and Safety	500	2 days	10
	Destructive Testing Techniques	300	3 days	10		Process Safety Management	1000	5 days	10
	Non-destructive Testing Techniques – Level 1	400	5 days	10	Energy	Energy Efficiency Enhancement in Industry	600	5 days	10
	Non-destructive Testing Techniques – Level 2	600	10 days	10		Thermal Use of Solar Energy	300	3 days	10
	Taguchi Design of Experiments for Robust Design	500	3 days	20		Hybrid Renewable Energy Systems	500	3 days	10
	Centrifugal Pump Design & Applications	400	5 days	100		Biogas Plant Design and Construction	700	5 days	15
ICT	Database Design	500	10 days	20	Electronics	Programmable Logic Controllers (Siemens PLCs)	300	5 days	10
	Introduction to Visual Basic .Net Programming	600	10 days	20		AC Drives	300	5 days	10
	Applied Project Management in an Information Technology Environment	500	5 days	20		Electronic Circuit Design	200	5 days	15
	C++ Programming	600	10 days	20		Instruments & Calibration	500	5 days	10
	Introduction to Java Programming	500	10 days	20		Digital Control Systems Design	500	5 days	10
	Cyber Security	600	10 days	20	Operations & Leadership	Organizational Transformation and Change Management	800	3 days	20
	Linux Administration I	300	3 days	20		Enterprise Risk Management	800	3 days	20
						Warehousing Management	500	2 days	10
Bio-Pharmacy	Viral Vaccine Manufacture	1500	5 days	10		Projects Team Leadership and Goal Getting	300	2 days	20
	Commercialization of New Biological Drugs	300	1 day	20		Technopreneurship Development	500	5 days	10
	Bio-pharmaceutical Analysis	1000	3 days	10		Strategic Leadership	1000	5 days	20
	Downstream Bio-pharmaceutical Processes Design	1100	3 days	10	Business Management	Financial Management for Engineers	500	2 days	20
	Navigating a Changing Pharmaceutical Regulatory System	500	3 days	10		Digital Marketing	1000	5 days	20
	Fermentation Engineering	1100	3 days	10		Technology & Innovation Management	1000	5 days	20
	Formulation & Stabilization of Bio therapeutics	1800	3 days	10		Electronic Commerce Overview	300	2 days	20
Bio-Technology	Cell Culture Bioreactors for MAb Production	1100	3 days	10		Decision Support Systems	800	5 days	20
	Fundamentals of Mammalian Cell Line Development	1000	3 days	20		Enterprise Resources Planning	1000	5 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					
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					

## 2015 Training Calendar

**Session 1:** 30 March – 10 April 2015  
**Session 2:** 29 June - 10 July 2015  
**Session 3:** 03 - 14 August 2015

Conventional training sessions are scheduled as fixed in our 2015 calendar. Weekend, Evening, block and Outreach sessions are opened as per group request. For further details contact: Reception on 04 741 434 or 04 741 427/8 ext 2222-3 or send e-mail to [tc@hit.ac.zw](mailto:tc@hit.ac.zw) or visit [www.hit.ac.zw](http://www.hit.ac.zw) for more details.

**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**  
**A/c Name: Harare Institute of Technology.**