

THE TECHNOLOGY CENTRE

The Technology Centre, a Strategic Unit of the 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 session 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	500	10 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
	Computer Numerically Controlled Machining	500	10 days	10		Corrosion Protection Techniques	600	5 days	10
	Metal Inert Gas Welding (MIG)	400	5 days	5		Introduction to Potable 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		Carbon Foot-printing	300	2 days	10
	Non-destructive Testing Techniques – Level 2	600	10 days	10		Occupational Health	300	2 days	10
	Taguchi Design of Experiments for Robust Design	500	3 days	20		Risk Assessment Techniques	500	3 days	10
Centrifugal Pump Design & Applications	400	5 days	100	Safety Auditing	400	2 days	10		
Tungsten Inert Gas Welding (TIG/GTAW)	400	5 days	10	Energy	Energy Efficiency Enhancement in Industry	600	5 days	10	
ICT	Database Design	500	10 days		20	Thermal Use of Solar Energy	300	3 days	10
	Introduction to Visual Basic .Net Programming	600	10 days		20	Hybrid Renewable Energy Systems	500	3 days	10
	Applied Project Management in an Information Technology Environment	500	5 days		20	Biogas Plant Design and Construction	700	5 days	15
	C++ Programming	600	10 days	20	Electronics	Programmable Logic Controllers (Siemens PLCs)	300	5 days	10
	Introduction to Java Programming	500	10 days	20		AC Drives	300	5 days	10
	Cyber Security	600	10 days	20		Electronic Circuit Design	200	5 days	15
	Linux Administration I	300	3 days	20		Instruments & Calibration	500	5 days	10
						Digital Control Systems Design	500	5 days	10
Bio-Pharmacy	Viral Vaccine Manufacture	1500	5 days	10	Operations & Leadership	Organizational Transformation and Change Management	800	3 days	20
	Commercialization of New Biological Drugs	300	1 day	20		Enterprise Risk Management	800	3 days	20
	Bio-pharmaceutical Analysis	1000	3 days	10		Warehousing Management	500	2 days	10
	Downstream Bio-pharmaceutical Processes Design	1100	3 days	10		Projects Team Leadership and Goal Getting	300	2 days	20
	Navigating a Changing Pharmaceutical Regulatory System	500	3 days	10		Technopreneurship Development	500	5 days	10
	Fermentation Engineering	1100	3 days	10		Strategic Leadership	1000	5 days	20
	Formulation & Stabilization of Bio therapeutics	1800	3 days	10	Business Management	Financial Management for Engineers	500	2 days	20
Bio-Technology	Cell Culture Bioreactors for MAb Production	1100	3 days	10		Digital Marketing	1000	5 days	20
	Fundamentals of Mammalian Cell Line Development	1000	3 days	20		Technology & Innovation Management	1000	5 days	20
	Microbial Contamination Control in Bioprocessing Operations	800	4 days	20		Electronic Commerce Overview	300	2 days	20
	Biosafety Elements and Biorisk Management	800	5 days	20		Decision Support Systems	800	5 days	20
	Biomanufacturing	800	5 days	20	Enterprise Resources Planning	1000	5 days	20	
Food Processing	Non-thermal Technologies	800	5 days	20	Conventional training sessions are scheduled as fixed in our 2016 calendar. Weekend, Evening, Block and Outreach sessions are available upon request. For further details please contact: Reception on 04 741 434 or 04 741 427/8 ext 2222-3 or send an e-mail to tc@hit.ac.zw or visit www.hit.ac.zw for more details.				
	Food Hygiene	500	5 days	20	2016 Training Calendar				
	Water Microbiology	500	5 days	20	Session 1:	04 - 15 April 2016			
	Fermented Dairy Products	500	5 days	20	Session 2:	04 - 15 July 2016			
	Solar Drying of Fruits	400	5 days	20	Session 3:	03 - 14 October 2016			
	Solar Drying of Vegetables	250	3 days	20	<i>NB: Customised courses that are not listed above can be arranged upon request. We also provide technical consultancy services in various fields related to the above as well as specialised jobbing activities.</i>				
	Poultry Processing Technology	300	3 days	20	Below are Our Banking Details:				
	Sorghum Processing Technology	300	5 days	20	CBZ				
	Vegetable Oil Expression	400	5 days	20	Sapphire Branch				
	Food Engineering	1000	5 days	20	A/c #: 02420583120037				
	Food Chemistry	800	5 days	20					
	Food Quality Assurance	700	5 days	20					
	Food Laboratory Techniques	400	5 days	20					