

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
Manufacturing	Computer Aided Design & Draughting (CADD)	500	5 days	10
	Autodesk Inventor	500	10 days	10
	Computer Aided Manufacturing (CAD/CAM/CAE)	1000	10 days	10
	Applied Hydraulics & Pneumatics	300	5 days	10
	Basic Welding Technology (Arc/Spot/Gas)	300	5 days	10
	Computer Numerically Controlled Machining	500	10 days	10
	Metal Inert Gas Welding (MIG)	400	5 days	5
	Finite Element Analysis with ANSYS	600	5 days	10
	Computer Aided Design with Pro-Eng	500	5 days	10
	Refrigeration & Air Conditioning Service and Repair	400	5 days	10
	Autodesk Inventor Parametric Modelling	500	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
	Yellow Belt Lean Six Sigma for Process Improvement	200	1 day	20
	White Belt Lean Six Sigma for Process Improvement	500	2 days	20
	Green Belt Lean Six Sigma for Process Improvement	1000	3 days	20
	Black Belt Lean Six Sigma for Process Improvement	2000	8 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
	Tungsten Inert Gas Welding (TIG/GTAW)	400	5 days	10
ICT	Database Design	500	10 days	20
	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
	Cyber Security	600	10 days	20
	Linux Administration I	300	3 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	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
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

Field	Course Title	Fees (include teas & lunches (US\$))	Session Period	Maximum number of students
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 Potable 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 Treat ment	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
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
Operations & Leadership	Organizational Transformation and Change Management	800	3 days	20
	Enterprise Risk Management	800	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
Business Management	Financial Management for Engineers	500	2 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

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.

2016 Training Calendar

Session 1: 04 - 15 April 2016
Session 2: 04 - 15 July 2016
Session 3: 03 - 14 October 2016

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.

Below are Our Banking Details:
CBZ
Sapphire Branch
A/c #: 02420583120037