



# Northern Technical College

## Skills Training Opportunities Short Intensive Courses for December 2020

**10 Days: 21<sup>st</sup> December, 2020 to 1<sup>st</sup> January 2021**  
**5 Days: 28<sup>th</sup> December, 2020 to 1<sup>st</sup> January, 2021**  
**3 Days: 30<sup>th</sup> December, 2020 to 1<sup>st</sup> January, 2021**

*Individuals, groups and organisations are invited to apply for the following skills acquisition and improvement courses:*

### MECHANICAL DEPARTMENT

- |  |         |
|--|---------|
| 1. Computer Aided Design AutoCAD 2D    | 10 Days |
| 2. Computer Aided Design AutoCAD 3D    | 10 Days |
| 3. Centrifugal Pump Operations         | 10 Days |
| 4. Occupational Safety Health          | 5 Days  |
| 5. Metallic Inert Gas Welding          | 10 Days |
| 6. Gas Welding                         | 10 Days |
| 7. Coded Welding                       | 10 Days |
| 8. Tungsten Inert Gas Welding          | 10 Days |
| 9. Water Reticulation/House Connection | 5 Days  |
| 10. Machine Laser Alignment            | 3 Days  |
| 11. Pipe Fitting                       | 5 Days  |
| 12. Maintenance Management             | 5 Days  |
| 13. Basic Rigging                      | 5 Days  |
| 14. Basic Fitting                      | 5 Days  |
| 15. Maintenance of Machinery Drives    | 5 Days  |

### AUTOMOTIVE/HEAVY EQUIPMENT REPAIR DEPARTMENT

- |  |         |
|--|---------|
| 1 Automotive Electrical                        | 10 Days |
| 2 Mechanics for drivers/Vehicle Owners         | 10 Days |
| 3 Electronic Fuel Injection(EFI)               | 10 Days |
| 4 Basic Hydraulics                             | 5 Days  |
| 5 Advanced Hydraulics                          | 5 Days  |
| 6 Excavator Operator Simulation Training       | 10 Days |
| 7 Articulated Dump Truck Simulation Training   | 5 Days  |
| 8 Electronically Managed Engine Training       | 5 Days  |
| 9 Electronically Controlled Drive Train Repair | 5 Days  |

### ELECTRICAL DEPARTMENT

- |   |         |
|---|---------|
| 1. Basic Refrigeration & Air Conditioning         | 10 Days |
| 2. Advanced Refrigeration & Air Conditioning      | 10 Days |
| 3. Electrical Installation and Wiring             | 10 Days |
| 4. Refrigerant Management                         | 5 Days  |
| 5. Electrical Power System Protection             | 10 Days |
| 6. Digital Electronics                            | 10 Days |
| 7. Electrical Appreciation for Mechanical Fitters | 5 Days  |

### APPLIED SCIENCES AND BUSINESS STUDIES

- |   |         |
|---|---------|
| 1. Supervisory Skills, Team Building & Conflict Mgt | 3 Days  |
| 2. Computer Hardware Maintenance & Repair           | 10 Days |
| 3. Customer Relations                               | 3 Days  |
| 4. Local Area Networks (LAN)                        | 10 Days |
| 5. Change Mgt and Transformational leadership       | 3 Days  |
| 6. Contemporary Project Planning & Monitoring       | 3 Days  |
| 7. Monitoring and Evaluation                        | 3 Days  |
| 8. Project Management                               | 5 Days  |
| 9. Report Writing for Managers                      | 3 Days  |
| 10. Intermediate and Advanced Excel                 | 5 Days  |

PLEASE VISIT

[www.nortec.edu.zm](http://www.nortec.edu.zm)

Go To 'News And Events' & Download the Schedule of Fees  
For Short Courses

**"TAILOR MADE COURSES CAN BE DEVELOPED  
ON REQUEST FOR CORPORATE CLIENTS."**

**\*PARTICIPANTS TO CONFIRM PARTICIPATION BY 14 DECEMBER, 2020\***

Download form and fees from [www.nortec.edu.zm](http://www.nortec.edu.zm) or collect from Business Development Office

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