

Course in details

Drafting Mechanical with CAD (Vocational)

- a) Duration : 02 Years
- b) Date : from January
- c) No. of Trainees : 40 in each batch
- d) Course Fee : Tk. 1403/- (per trainee)
- e) Admission Qualifications : JSC /equivalent. Age 12 to 18.
- f) Accommodation : **Non-Residential**
- g) Selection Procedure : Written test/viva.
- h) Course Objectives :
- To make the unemployed person technically sound so that they may join in the work force of the country.
 - To upgrade the skill of unskilled & Semi skill person as per requirement of local & foreign market.
 - To open the door of higher education.
- i) Course Contents :
- Drafting, Tools and Instruments, Layout, Lines, Geometrical Drawing, Lettering and Numbering, Scale, Drawing symbols, Surface Finish, Free Hand Scotch. Projection Drawing, Solid Geometrical Drawing Sectional Drawing, Drawing Notes. Quadrant, Surface Development, Working Drawing, Mechanical Fastener, Riveting, Pulley and Coupling, Spring and Bearing, Gear, Welding Joint Ammonia Printing.
 - CAD Software, Computer Operating System, Installation and Drawing Setting. Tool Bar Menu, Draw Command, Modify Command, Text writing, Dimensioning Layer, Isometric Drawing, Coordinate, Orthographic Projection, Embroidery Design, Surface Modeling. Modify Command, Table, System Variable, Mechanical Drawing, Isometric Drawing, 3D View, Surface Modeling, Solid Modeling and Editing, Rendering, Template Drawing.
- j) Training Methods : Methodology: 60% Practical & 40% Theoretical.
- k) Evaluation System : Participants will be evaluated out of 1300 marks; Practical & Theoretical
- l) Certification : Bangladesh Technical Education Board.
- m) Course Coordinator : Mr. Md. Abdul Muttalib, Instructor.
- n) Resource Persons :