



Basics of Mechanical Drawing Interpretation

Course description

The objective of this course is to provide the student with a good understanding of the fundamentals of technical drawing and the correct application of the main components of the mechanical drawings. At the end of the course, students will be able to interpret general drawings and exploded views, as well as apply the concept of tolerances and adjustments, by means of real cases.

At the end of the course you will be able to:

- Understand the fundamentals of technical drawing.
 - Learn how to correctly dimension elements in technical drawings, using standardized symbols and conventions.
 - Apply the notions of fits and tolerances in the creation of technical drawings.
 - Understand the concept of geometric tolerances and their relevance in the specification of shapes.
- Interpret general drawings and exploded views by means of real case situations throughout the class.

Main topics

- 1 Main components of the drawings.
 - Views
 - Projections
 - Assembly Plans
 - Dimensioning, data, notes or written indications.
- 2 Cuttings and sections.
- 3 Dimensioning and outlining of technical diagrams.
- 4 Adjustments and tolerances.
- 5 Introduction to geometric tolerances.
- 6 General drawings and exploded views.

Contact

 www.smdlearning.com

 info@smdlearning.com

 +506 8544 7000

 Costa Rica

Course features

- Instructor Led 
- Duration: 3 hours 
- Tools and templates 
- Simulated learning 
- Course certification 