



Plastic Design using CATIA V5 Instructor-Led Online Training Course Curriculum (Duration: 60 Hrs.)p

1. **Basic considerations**
 - a. Introduction to plastic
 - b. Automotive usage of plastic
2. **Materials**
 - a. Types of materials
 - b. Automotive usage
3. **Defects**
 - a. Types
 - b. Occurrence
 - c. Solution
4. **Tooling**
5. **Molding processes**
 - a. Different types of process
6. **Features**
 - a. Types
 - b. Use in automotive parts
 - c. Purpose
 - d. Design and STD dimensions
7. **GD&T**
 - a. Different types of symbols used
 - b. Datum's
 - c. Features frame
8. **Layouts**
 - a. Safety
 - b. Comfort
 - c. Packaging
 - d. Environment
 - e. Complete Seat
9. **BOM & Assembly**
 - a. BOM creation and annotations
 - b. Assembly structure
10. CATIA modeling methodology and workshops

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