Unit 4 - Fundamentals of Fabrication Techniques

Course outline

How to access the portal

Introduction to M00J-based Product Design

Fundamentals of Fabrication Techniques

- Glass, metal, and plastic
- Polymer
- Ceramics

- Process Theory
- Process Design

- Project-Based Learning

- Accessory Material

Fusion of Fabrication Techniques with Other Disciplines

- Application of Fabrication Technology

- Fabrication of Sensors for Wearable Devices

- Fabrication of Electronics for Wearable Devices

- Fabrication of Materials for Wearable Devices

- Fabrication of Apparel for Wearable Devices

- Fabrication of Straps and Belts

- Test Prototypes

Week 2 Assessment

Due on 2019-05-21, 23:59 IST

1. Process cannot produce silicon wafer with multilayer photolithography processes in-house.

2. Glass, metal, and plastic have different properties.

3. Glass, metal, and plastic can be fabricated using different techniques.

4. Process theory and process design are crucial.

5. Process-based learning and project-based learning are complementary.

6. Accessory material is important for fabrication.

7. Glass, metal, and plastic have different properties.

8. Protective glasses are necessary.

9. Process theory is important.

10. Process design is crucial.

11. Accessory material is necessary.

12. Process cannot produce silicon wafer with multilayer photolithography processes in-house.

13. Glass, metal, and plastic can be fabricated using different techniques.

14. Process theory and process design are crucial.

15. Process-based learning and project-based learning are complementary.

16. Accessory material is important for fabrication.

17. Glass, metal, and plastic have different properties.

18. Protective glasses are necessary.

19. Process theory is important.

20. Process design is crucial.

21. Accessory material is necessary.