

 **Canadian Institute of Technology, Entrepreneurship and Management. CITEM**

 **PROGRAM: Certificate in 3D Printing**

 **Introduction: 8 Weeks**

 **Module 1 12 Hrs**

1 Introduction to 3D Printing & CAD Designs 2 Hrs

2 3D Printing Processes ( FDM, SLS,SLA etc ) 2 Hrs

3 3D Printing Materials 2 Hrs

4 3D Printing Modelling 2 Hrs

5 3D Printing Workflow & Applications (1 ) 2 Hrs

6 3D Printing Project 2 Hrs

Electives

7 Project Management in Advanced Manufacturing 2 Hrs

**Cost: Registration: $50 Course: $300**

 

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 **PROGRAM: Certificate in 3D Printing**

 **Intermediate: 8 Weeks**

 **Module 2 12 Hrs**

1 Types of 3D Printers 2 Hrs

2 Rapid Prototyping 2Hrs

3 3D Printing Materials ( 2) 2 Hrs

4 3D Printing Modelling ( 2 ) 2 Hrs

5 3D Printing Workflow & Applications (2 ) 2 Hrs

6 3D Printing Project 2 Hrs

Electives

7 Project Management in Advanced Manufacturing ( 2 ) 2 Hrs

**Cost: Registration $50 Course: $ 400**

 

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 **PROGRAM: Certificate in 3D Printing**

 **Advanced 8 Weeks**

 **Module 3 12 Hrs**

1 Reverse Engineering For 3D Printing 2 Hrs

2 3D Printing Workflow & Applications ( 3 ) 2 Hrs

3 3D Printing Advanced Materials ( Metal Filaments ) 2 Hrs

4 3D Printing Modelling ( 3 ) 2 Hrs

5 3D Printing Lean Processes 2 Hrs

**6** 3D Printing Reverse Engineering Project 2 Hrs

Electives

7 Project Management in Advanced Manufacturing ( 3) 2 Hrs

**Cost: Registration $50 Course $500**