Tinkering 101: 3D Printing
Learn about CAD and .STL files, how to import and perform basic modifications and how to compose an original complex model in Tinkercad.

Jan. 12, 3 - 5 p.m. - ONLINE
Feb. 4, 8 - 10 a.m. - ONLINE

Next Level CAD: Tinkercad
Learn a working grasp of advanced-level CAD vocabulary and how to utilize an existing CAD object in your design. Learn how to compose original complex models in Tinkercad.

Jan. 20, 4 - 6 p.m. - ONLINE
Feb. 8, 3 - 5 p.m. - ONLINE
Mar. 4, 5 - 7 p.m. - ONLINE
Apr. 2, 5 - 7 p.m. - ONLINE

CAD Crash Course: Tinkercad
Learn the impact of maker technology on industries and research and the beginners level knowledge using Tinkercad and exporting in .STL format.

Feb. 1, 1 - 2 p.m. - ONLINE & F2F, location TBD
Mar. 2, 2 - 3 p.m. - ONLINE & F2F, location TBD
Apr. 7, 10 - 11 a.m. ONLINE

CAD Crash Course: Inkscape
Explore basic tools such as layers and drawing tools and create vector image files for design.

Feb. 8, 11 a.m. - 1 p.m. - ONLINE & F2F, location TBD
Mar. 11, 1 - 3 p.m. - ONLINE & F2F, location TBD
Apr. 21, 10 a.m. - noon - ONLINE & F2F, location TBD

Introduction to Code: Scratch
Learn the purpose and differences between programming languages. Learn the basic programming vocabulary and how to design a basic game in Scratch.

Feb. 22, 5 - 7 p.m. - ONLINE

Cricut Project & Tips
Learn intermediate-level vocabulary, how to import drawings/pictures, perform basic design functions in .SVG format and how to compose an original complex designs in Cricut Design Space and TinkerCad.

Feb. 26, 5 - 7 p.m. - ONLINE
Apr. 8, 4 - 6 p.m. - ONLINE

Next Level CAD: Rhino 3D
Learn a working grasp of advanced-level CAD vocabulary and how to utilize an existing CAD object in your design. Learn how to compose original complex models in Rhino3D.

Feb. 10, 10 a.m. - noon - ONLINE
Mar. 8, 5 - 7 p.m. - ONLINE
Apr. 13, 3 - 5 p.m. - ONLINE

CAD Crash Course: Autodesk’s Inventor
Learn advanced-level CAD vocabulary, how to import and perform basic modifications to an existing CAD object in .STL format and how to compose an original complex model.

Feb. 16, 4 - 6 p.m. - ONLINE

Intro to Code: Python
Learn a working grasp of beginner-level Python vocabulary and how to import data and perform basic operations in Python IDE interfaces. Learn to be able to compose an original complex program in Python.

Mar. 16, 5 - 7 p.m. - ONLINE

Intro to MATLAB
Learn a working grasp of beginner-level MATLAB vocabulary and how to import data and perform basic math functions in MATLAB format. Learn how to compose an original complex program in MATLAB.

Apr. 20, 5 - 7 p.m. - ONLINE

For the full schedule of workshops and to register, visit bit.ly/TTULibraryWorkshops.

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