

# Foundations of 3D Printing

Badge Program



COLORADO STATE UNIVERSITY  
ONLINE

## Overview

By providing more efficient ways to turn ideas into objects, 3D printing is revolutionizing product design, development, and manufacturing across industries. Learn more about this technological advancement, and earn digital badges to demonstrate your knowledge to employers, with CSU's online Foundations of 3D Printing badge program.

One of the only training opportunities of its kind, this online program helps you understand:

- The purpose and foundations of 3D printing (also known as additive manufacturing)
- Related technologies, such as 3D scanning and 3D software used in product development
- The many types of additive manufacturing machines used commercially and for research
- The additive manufacturing process and workflow, and the future of personal 3D printing

The program features four courses that should be taken sequentially:

- **EGBB 3001** – 3D Printing Basic Principles I
- **EGBB 3002** – 3D Printing Basic Principles II
- **EGBB 3003** – 3D Printing Additive Processes I
- **EGBB 3004** – 3D Printing Additive Processes II

To sign up for the Mastery Badge, which includes all four courses and receive the most value, register for EGBB 3016.

For each course you successfully complete, you will earn a digital badge that you can add to your resume, e-portfolio, and social media profiles to demonstrate your competency in the subject.



## Contact

(970) 492-4898

[online.colostate.edu/contact](https://online.colostate.edu/contact)

## Delivery

Online

## Tuition

Basic Principles I – \$165

Basic Principles II – \$165

Additive Processing I – \$185

Additive Processing II – \$185

Mastery Bundle – \$650

## Time frame

Quest Badge – one week per badge

Mastery Badge – four weeks

## Offered by

Idea-2-Product 3D Printing  
Laboratory, Department of Mechanical  
Engineering

## More info

[online.colostate.edu/badges/3d-printing](https://online.colostate.edu/badges/3d-printing)