

# 3D PRINTING AND ADDITIVE MANUFACTURING

**Additive Manufacturing practices** are commonly known as rapid prototyping and 3D printing and this practice may replace or compliment traditional machining or manufacturing practices known as subtractive manufacturing.

In this program you will learn how to design parts using AutoCAD Inventor software in addition to digitizing and 3D printer technology. The course will also:

- Examine the principles of additive manufacturing.
- Provide an overview of 3D software and printing capabilities.
- Compare additive and subtractive manufacturing.
- Describe the advantages of additive manufacturing.
- Review how a 3D printer works and compare models.

## ADMISSION REQUIREMENTS

| No admission requirements or entrance exam is needed.

## ATTENDANCE POLICY

The student is expected to attend and participate in each scheduled class. Missed tests or assignments are the student's responsibility and must be made up by the next class or arrangements must be made with the instructor.

## COST

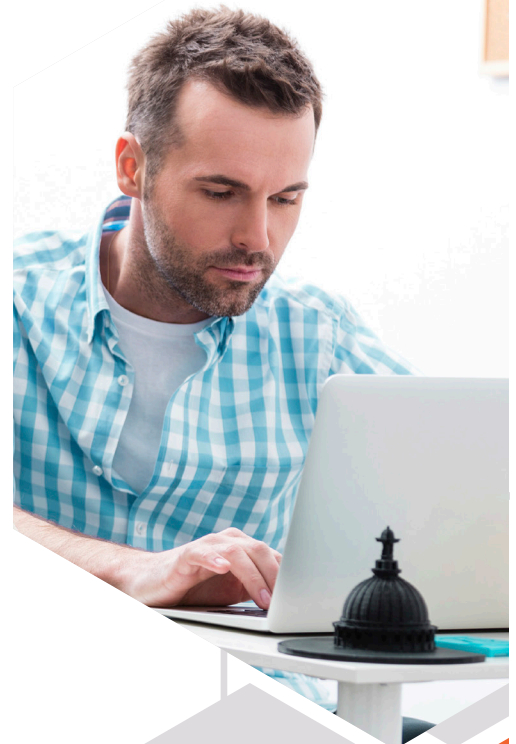
| The cost of the program is FREE.

## LOCATION

IowaWORKS – Cedar Valley  
3420 University Avenue  
Waterloo, Iowa

## CLASS SCHEDULES

SESSION 1	SESSION 2
October 16 – 27	December 18 – 21, 27 – 29, and
Monday – Friday	January 3 – 5
8:00 a.m. – 3:30 p.m.	8:00 a.m. – 3:30 p.m.



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