

# HOW TO CREATE A MAKER SPACE IN K-12 SCHOOLS

## CEU COURSE OVERVIEW

The “maker movement” is catching on in education, and it’s easy to see why. Looking to inspire the next generation of tinkerers and innovators, a growing number of schools are creating maker spaces equipped with everything from popsicle sticks and glue guns to electronics kits and 3D printers. Creating a maker space might seem like a daunting task. With this presentation, we hope to make the process easier.



Provider Number  
**40107469**

Course Number  
**CEUMAKERGUIDE**

Learning Units  
**1**

AIA Approved  
**LU**

Course Format  
**Instructor led face-to face  
or via online class**

## LEARNING OBJECTIVES

### Learning Objective 1: Define the maker movement

- What is the maker movement?
- Why is it significant for education?

### Learning Objective 2: Crafting the vision

- The plan must start with your instructional goals: What are these?
- How will the space be used?
- Eight elements of a good makerspace project

### Learning Objective 3: Designing a maker space

- Choosing a location
- Configuring the space
- Promoting utility & creativity

### Learning Objective 4: Transforming the role of the teacher

- Teacher as a learning facilitator; a builder of high-quality learning experiences
- Tips for how to help teachers embrace this mindset
- Four roles of the makerspace teacher

