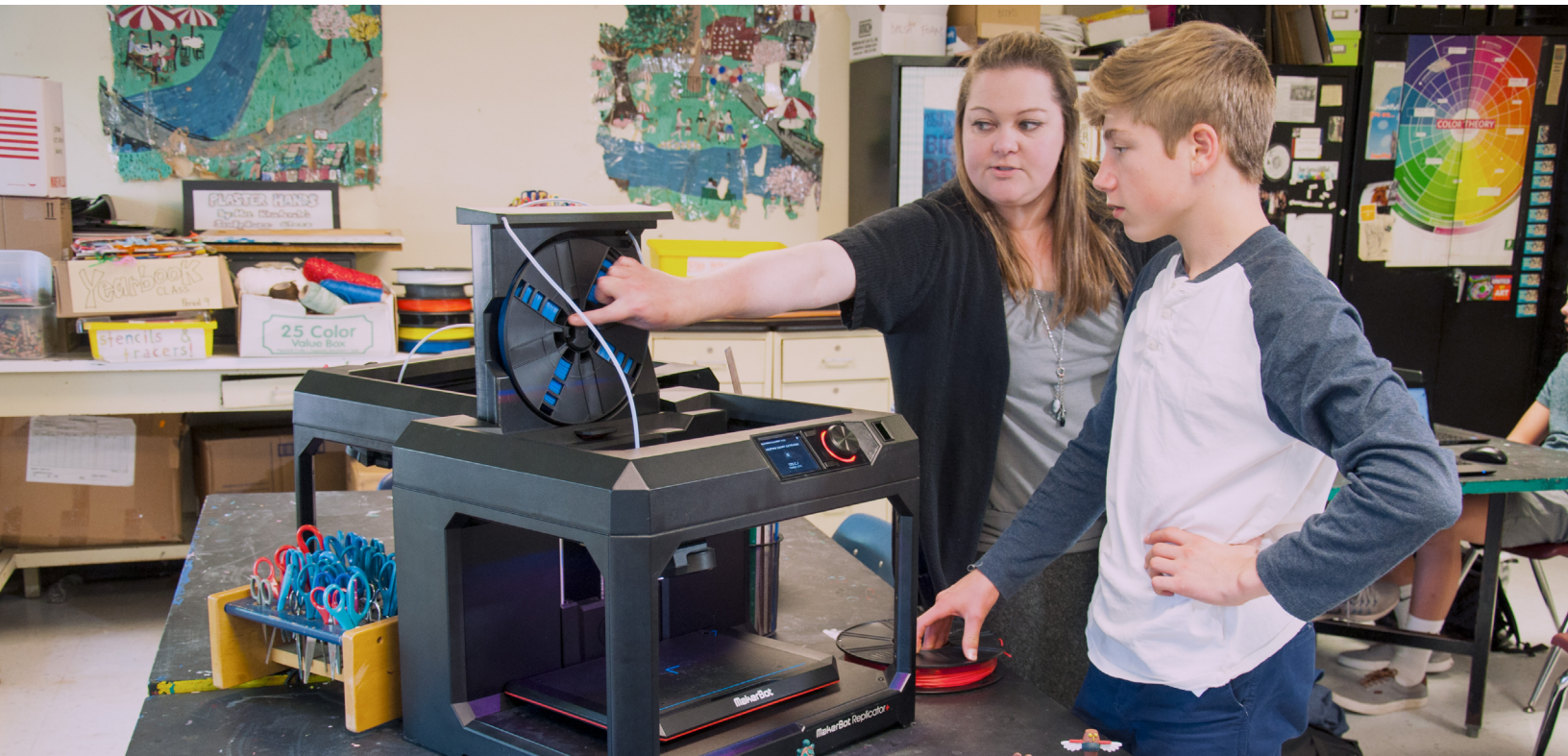




# MAKERBOT CERTIFICATION™ PROGRAM **FOR EDUCATORS**

## COURSE SYLLABUS



### INSTRUCTORS:

Drew Lentz, Mair DeMarco

### GOALS AND OBJECTIVES:

Fulfill professional development credits\*, gain confidence as a STEM education leader, and become a 3D printing expert.

### COURSE DESCRIPTION:

Start as a MakerBot Operator, mastering our 3D printers or grow into a MakerBot Curriculum Creator and integrate the full power of 3D printing into your classroom.

### TEACHER OUTCOMES FROM LEVEL I - MAKERBOT OPERATOR:

- Fulfill mandatory PD credits\*
- Learn about 3D printing technology & history
- Setup your printer and be prepared with preventative troubleshooting
- Become proficient with Thingiverse and 3D modeling

### TEACHER OUTCOMES FROM LEVEL II - MAKERBOT CURRICULUM CREATOR:

- Teach the 3D printing process and create projects for your students
- Manage multiple 3D printers and files
- Troubleshoot student files
- Utilize Thingiverse Education
- Begin integrating 3D printing into the classroom

**PREREQUISITES:**

N/A

**REQUIRED MATERIALS:**

MakerBot Replicator+ 3D Printer  
Laptop  
MakerBot Print Software

**RESOURCES:**

MakerBot Educators Guidebook  
Thingiverse Education

**ASSESSMENT:**

Multiple quizzes through the courses, projects and two exams

**FORMAT:**

Online Lecture and Independent Work

**\*CEU CREDITS:**

MakerBot Certification™ courses are generally available for CEU credits, however, it is the educator's responsibility to verify eligibility with official school or state offices prior to enrolling in the course.

**CONTACT US AND GET STARTED TODAY!**

SALES: +1 347 269 2245

[WWW.MAKERBOT.COM/CERTIFICATION](http://WWW.MAKERBOT.COM/CERTIFICATION)