MakerBot Certification™ program

For educators

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.

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

Instructors
Drew Lentz, Mair DeMarco.

Teacher outcomes from Level 1 - MakerBot Operator:
· Fulfill mandatory PD credits*
· Learn about 3D printing technology & history
· Set up your printer and be prepared with preventative troubleshooting
· Become proficient with Thingiverse and 3D modeling

Teacher outcomes from level 2 - 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

The MakerBot platform

Ideal for every skill level
MakerBot Sketch is a solution that works for your classroom – whether you're printing for the first time, switching to a bigger printer, or scaling your 3D printer program.

CloudPrint software
Turn your students' digital models into physical 3D prints with MakerBot CloudPrint. This easy, cloud-based software requires no installation or student account creation.

Nurture design thinking
Self-paced, interactive training curriculum will prepare you and your students for 3D printing and career-building skills that go beyond the classroom.

Endlessly scalable
Begin with a platform that can serve the 3D printing needs of teachers in a single classroom or scale it across a whole school district.

MakerBot Certification™ program for educators specifications

Required materials	MakerBot Sketch 3D printer Laptop MakerBot CloudPrint software
Resources	MakerBot Educators Guidebook Thingiverse Education
Assessment	Multiple quizzes through the courses, projects, and two exams
Format	Online lectures and independent work
Prerequisites	N/A
*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.

Four-part online course series

**Module 1 – 3D printer operator
(2-4 Profesional development hours)**
· 3D printing techology & history
· MakerBot Sketch setup
· MakerBot Cloudprint software
· Basic troubleshooting

**Module 2 – Curiculum creation
(4-6 Profesional development hours)**
· Teach 3D printing
· Manage a 3D printing classroom
· Utilize Thingiverse education
· Creating a 3D printing project

Contact us and get started today!

Sales: +1 347 269 2245
www.makerbot.com/certification

MakerBot