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

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
MakerBot Certification™ program for educators specifications

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<thead>
<tr>
<th>Required materials</th>
<th>MakerBot Sketch 3D printer</th>
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<tbody>
<tr>
<td></td>
<td>Laptop</td>
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<td>MakerBot CloudPrint software</td>
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<thead>
<tr>
<th>Resources</th>
<th>MakerBot Educators Guidebook</th>
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<tbody>
<tr>
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<td>Thingiverse Education</td>
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<tr>
<th>Assessment</th>
<th>Multiple quizzes through the courses, projects, and two exams</th>
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<tbody>
<tr>
<td>Format</td>
<td>Online lectures and independent work</td>
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<tr>
<td>Prerequisites</td>
<td>N/A</td>
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*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 Professional development hours)  
- 3D printing technology & history  
- MakerBot Sketch setup  
- MakerBot Cloudprint software  
- Basic troubleshooting

**Module 2 – Curriculum creation**  
(4-6 Professional 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