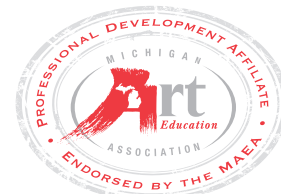


**3D Printing & Laser Cutting for Art Educators**  
 Thursday and Friday, June 29-30, 2017  
 Department of Art & Design, Central Michigan University



Learn how to design and 3D print in our Makerbot Lab and how to design, etch, and cut multiples on our Laser Cutter. In addition to learning new skills and engaging in personal art making, participants will receive suggestions for related art lessons and develop lesson plans for their classroom. All materials are provided, plus: a continental breakfast and lunch each day, a reception with art faculty downtown Thursday evening, and reduced rates for hotel accommodations. Ten professional development contact hours. SCECHs pending. Limited to 20 participants.

**Cost:** \$225

**Cost for MAEA Members:** \$200

**For registration and additional information, call:** 989-774-3025.

**Thursday, June 29**

9:30 - 10:00 am	Registration & Check-in
10:00 - 11:30 am	Class Session 1: Makerbot Lab <ul style="list-style-type: none"> <li>• Introduction to 3D printing</li> </ul>
11:30 - 11:45 am	Break
11:45 - 1:00 pm	Class Session 2: <ul style="list-style-type: none"> <li>• Introduction to Tinkercad</li> </ul>
1:00 - 2:00 pm	Lunch (provided)
2:00 - 3:30 pm	Class Session 3: <ul style="list-style-type: none"> <li>• Modeling with Tinkercad</li> </ul>
3:30 - 3:45 pm	Break
3:45 - 5:30 pm	Class Session 4: <ul style="list-style-type: none"> <li>• Modeling with Tinkercad</li> </ul>
5:30 pm	End of Day 1 Sessions
6:00 - 8:00 pm	Reception - Brass Restaurant Downtown Mount Pleasant

**Friday, June 30**

8:30 am	Continental Breakfast
9:00 - 10:30 am	Class Session 5: <ul style="list-style-type: none"> <li>• Laser Cutting</li> </ul>
10:30 - 10:45 am	Break
10:45 - noon	Class Session 6: <ul style="list-style-type: none"> <li>• Laser Cutting</li> </ul>
Noon - 1:00 pm	Lunch (provided)
1:00 - 3:00 pm	Class Session 7: <ul style="list-style-type: none"> <li>• Finishing 3D printed objects</li> <li>• Laser Cutting</li> </ul>
3:15 - 3:30 pm	Break
3:30 - 5:00 pm	Class Session 8: <ul style="list-style-type: none"> <li>• Lesson Plan Development</li> <li>• Share-out</li> </ul>
5:00 pm	Course Conclusion