

The Joy of Coding

MCONTINUUM

July 5, 2021 - August 13, 2021

Online Course

Apply by April 15, 2021 for priority consideration.

**The course includes weekly video lectures, reading, and coding assignments.
No prior coding experience required.**

Course Details:

The Joy of Coding is an online course specially created for anyone who wants to experience first-hand the power and thrill of coding computers to do amazing things. Created with high school students in mind, it is a great way for anyone to step into the wondrous world of coding.

Using Python, students will learn how coding powers apps such as Snapchat, TikTok, Instagram and Siri, and even learn how to code their own versions of Snapchat lenses.

Students will:

- Learn to code at their own pace with support from Michigan ECE faculty and students
- Receive a certificate of accomplishment to include in college applications
- Have our commitment to help you get unstuck when learning to code

Prerequisites:

- High school algebra
- Knowledge of function notation (for example, what do $y = f(x) = \cos(x)$, or $z = g(x,y) = \cos(x) + \sin(y)$, mean?)
- Desire to learn and willingness to reach out for help when stuck (because most everyone gets stuck somewhere!)
- 4 - 6 hours per week to commit to the course

Cost: \$99

We are here to help you and are excited to jumpstart your introduction to the amazing world of coding!

**Visit: continuum.engin.umich.edu
for more details and to apply!**



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