

Computer Music Course designed with examples in Pure Data by Alexandre Torres Porres (january 2012)

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The Tutorial works for the Pd-Extended distribution (version 0.42.5 and probably later versions): If you don't have it, get it at: <http://puredata.info/downloads>

Doubts, critics, suggestions: porres@gmail.com

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About:

This course presents Computer Music theory to the Computer Music novice or enthusiast. No special pre requisites in computer science or engineering are necessary.

The focus is not on Pd's syntax, but the concepts, how things work and how they're implemented. Thus, you can apply knowledge in other software or programming environments.

I first designed this course in a textbook in portuguese back in 2009, with attached examples in PD. But I started to migrate it only into Pd patches, and I wish to keep writing more of these. Back in the time I first launched this course online, I wrote a paper that reffered to it, and presented it in the Third International Pure Data Convention (<http://puredata.info/community/projects/convention09/porres.pdf>)

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By the way...

I also have a tutorial on Pure Data basics, it has over 200 .pd files, covering all the syntax in depth. If you wish, check it at: <http://sites.google.com/site/porres/Tut-Eng.zip>

Other tutorials can be found at: <http://puredata.info>

A nice starter is the PD FLOSS MANUAL, it also covers some audio and other stuff in a very simple and straight forward way: <http://en.flossmanuals.net/puredata>

Another tutorial that comes with straightforward examples of implementing classic DSP & Synth techniques is here: <http://www.pd-tutorial.com/>

There is also Miller Puckette's book, which follows the examples covered in Pd's audio tutorial: <http://crca.ucsd.edu/~msp/techniques.htm>

Miller Puckette/Pd-Vanilla on the Web: <http://crca.ucsd.edu/~msp/>

The Pd-list on the net is very receptive, people are always eager to give hints and help to newbies, not to mention that the list is the place to exchange information: [http://
lists.puredata.info/listinfo/pd-list](http://lists.puredata.info/listinfo/pd-list)