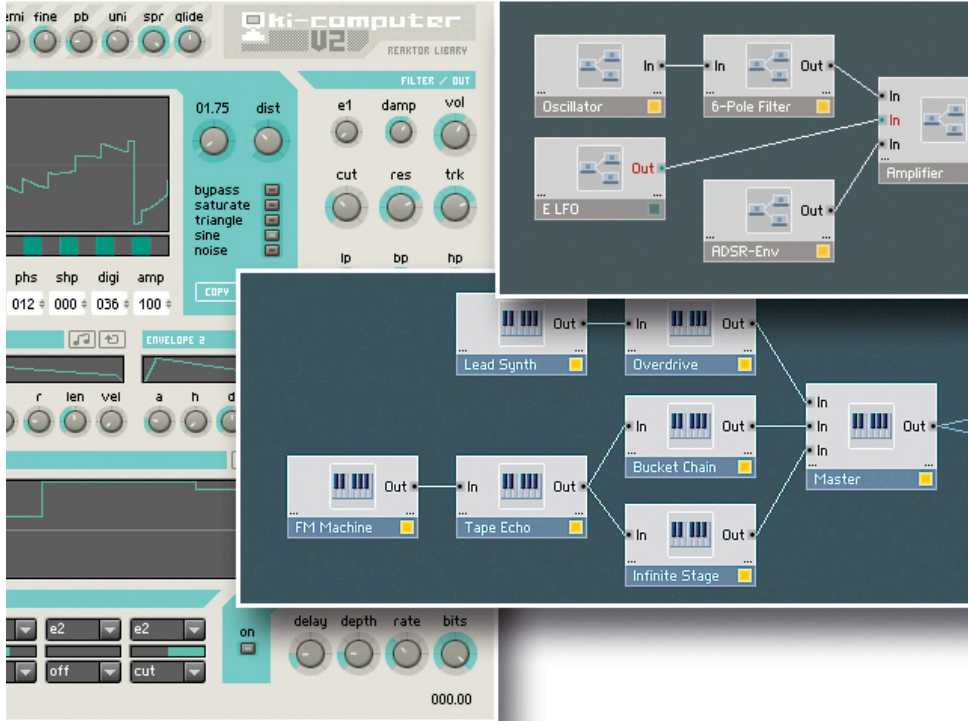


# MUSC 1371. Introduction to Modular Synthesis

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# MUSP 1223. Applied Synthesis



## ABOUT THESE COURSES:

The purpose of **MUSC 1371** is to introduce students to various music synthesis concepts, digital signal processing, and visual programming, as well as to help teach students the skills needed to create their own arsenal of custom-built instruments + effects that personalize their approach to music composition + performance. **MUSP 1223** is an independent study course that allows students to work one on one with the instructor on various synthesis topics agreed upon by both instructor and student. Please contact the instructor for info.

## WHO ARE THESE CLASSES FOR?

Anyone interested in electronic music, computer music, synthesis, and sound design. Whether you're a laptop artist, DJ, or a violinist, this class will help to provide you with skills needed to enhance your creative endeavors.

## ABOUT THE INSTRUCTOR:

Meason Wiley is a former ACC student (Commercial Music), electronic/visual artist and musician with over 15 years of experience in the music business. He graduated from California Institute of the Arts (BFA-Music Technology) where he spent a year as a Graduate Teaching/Research Assistant under Dr. Ajay Kapur. Meason is a contributor to the Karmetik Machine Orchestra, a collective of artists + engineers who combine musical performance + robotics. He is also involved in the label collective 99X/10, founded by Roger O'Donnell (ex-The Cure, Psychedelic Furs). For more information, visit [www.cyclespersecond.net/ims](http://www.cyclespersecond.net/ims)

## MUSC 1371 Class Topics Include:

- Visual Programming (Reaktor Software)
- Building custom instruments/effects
- Sampling/FM/Granular Synthesis
- Clocks/Sequencers
- Intro to Object-Oriented Programming for Musicians (Chuck Language)
- Approaching Live Performance
- MIDI/OSC Protocol
- Advanced Signal Flow
- Generative Electronic Composition
- Basic DSP concepts
- Filters/Formants/Diffusers
- Real-Time Synthesis of Audio
- Audio/Event Tables
- Interfacing with the laptop
- Electronic Music - Past, Present, and Future

Please feel free to contact Meason with any questions/comments - email: [cyclespersecond@gmail.com](mailto:cyclespersecond@gmail.com).  
Classes offered at ACC Northridge Campus in the Fall/2010 - Limited Enrollment - Register now at [www.austincc.edu](http://www.austincc.edu).