SYLLABUS

Music 590I Independent Study (Electronic Music)
Fall 2010 Times Arranged.

Instructor
Dr. Christopher Hopkins
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Prerequisites
Permission of instructor. Proficiency in Max/MSP programming.

Description
A seminar-style independent study course in advanced design and programming related computer music composition and performance.

For 2010-11 the focus will be on controllers for musical performance, notably development of controller mapping from a glove outfitted with accelerometers and vibra-tactile sensors. Auxiliary studies may include game controllers and tablets in addition to existing musical control surfaces.

Each member of the seminar will take a particular role in the research, agreed upon by the seminar membership as a whole. The goal of the course is to produce, through a team effort, a prototype mapping of controller-to-music and position-sensing to vibra-tactile feedback.

A term paper describing each participant’s individual contribution is required to receive credit for the course.

Grading
The course grade is determined according to the quality and degree of completion of assigned projects and the term paper.