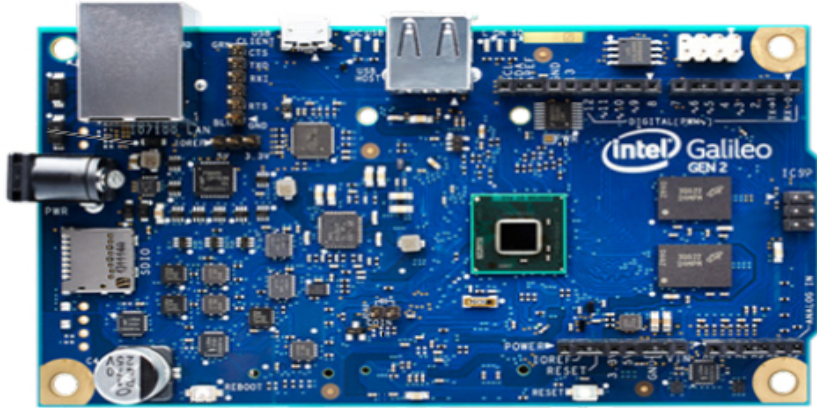


NEW Informatics Course for Spring 2015

INFO 490: DIY with Galileo Development Boards



Section JT (62684) 3 credits

Prof. John Toenjes

Associate Professor

Music Director, Dance at Illinois

This seminar for engineers, artists, coders, tinkerers, humanists, musicians and dancers and robotics students will focus on learning just what can be done with the Intel® Galileo Gen 2 development and prototyping circuit boards, specifically designed for makers, students, educators, and DIY electronics enthusiasts.

Students will learn to use the Arduino development environment, as well as Linux programming, and hardware modifications, such as attaching sensors for motion tracking, etc. Student teams will be loaned a Galileo Gen 2 board to build projects with, including but not limited to controlling the Internet of Things, creating art in sensor-activated environments, etc.

Because this is a seminar, learning will be expected to be largely student-motivated and student-driven.