EE499: Introduction to System-on-Chip

Fall 2014

Course Description:
This is an introductory 4-unit course on design flow, tools, concepts, challenges and issues related to System-on-Chip (SoC) which is the core part of real-time embedded systems with applications in mobile communications, cloud computing, aerospace and medical electronics. Part of this course is dedicated to Network-on-Chip (NoC) that is the communication backbone of large scale SoCs.

Instructors:
Paul Bogdan
http://ee.usc.edu/faculty_staff/faculty_directory/bogdan.htm
Office hours:
EEB 304: MW: 1:30-2:30pm, or by appointment

Shahin Nazarian
http://ee.usc.edu/faculty_staff/faculty_directory/nazarian.htm
EEB 340: MW: 5-6pm or by appointment

Website: https://blackboard.usc.edu/

Prerequisite: Graduate or Senior undergraduate.

Course Material:
Please check the course webpage for updated syllabus and material.