meeting times: Tuesday, Thursday 2:00 – 3:15
location: Swearingen 2A22

instructor: Dr. Jason D. Bakos
e-mail: jbakos@cse.sc.edu
office: Swearingen 3A52
webpage: http://www.cse.sc.edu/~jbakos
phone: 777-8627 (x7-8627)
office hours: Monday, Wednesday 1:00 – 2:30
(However, stop in anytime I’m here!)

grading structure:
- Presentations 40%
- Discussion 20%
- Term project 40%

Topics:
- Chip multiprocessors (CMP)
- System-on-chip architectures
- On-chip networks/interconnects
- Dynamically reconfigurable/stream architectures

course organization:
During each class period, one or two students will give a 20-45 minute
Powerpoint presentation of a paper of his or her choosing. Students
may need to seek additional background information in order to
completely understand the ideas presented in the paper.

Paper presentations will be followed by a 10-25 minute class
discussion of the paper. This discussion will include technical
questions about the paper as well as a review of the paper.

A collection of acceptable papers are available on the course webpage.
Each of these papers was published within the past 2 years. I will
keep this collection updated throughout the term. If you wish to
present a paper that is not listed on the webpage, please send it to me
for approval.

By the end of the first week, e-mail me a list of 4 papers in which you
are interested. I will keep a schedule on the webpage which will
indicate who will present during each class period. Each student who
is presenting must e-mail me Powerpoint slides no later than 1 hour
prior to the class period corresponding to their presentation.

All students who are not presenting a particular paper must read the
paper and e-mail me with at least 5 questions and a brief review.
These must also be submitted no later than 1 hour prior to class. The
questions and review should be brought up during the discussion of
the paper.

During the last 4-6 weeks of class, students will develop a term
project. Students may work in teams of any size. The term project
could be a closer study of any of the ideas from any of the papers or a
survey of papers related to a relevant and specific topic. Students
must receive approval for a project idea from me. Depending on each
case, student projects will be presented during the last one or two
weeks of the term.