CprE 588 – Embedded Computer Systems
Weekly Reading Review #1
Assigned: Week 1
Reviewed: Week 2

Directions:
- These weekly readings are intended to support in-class discussion.
- An in-class review activity will structure the discussion, as well as provide the instructor and student with some regular feedback on learning in the course.
- These activities will be recorded (based on completion, not correctness) as a component of the student's grade in the course.
- Submission is via the "Assessments" tab in WebCT.

Reading:
[3] "International Technology Roadmap for Semiconductors, 2007 Edition", December 2007. (link)

Skim through the provided chapter on DESIGN. If you are interested, the other chapters are available on the ITRS web page (link).

Review:
1. Define "design productivity."
2. Relate design productivity to the discussion of costs (e.g. NRE costs, time-to-market) from Lecture #1.
3. Respond to the statement: as platform-based design becomes a less popular design methodology, the cost of software development (as a percentage of total system development costs) will shrink.

Type of Review: Misconception/preconception check
Goals: Develop ability to distinguish between fact and opinion, learn terms and theories of the subject, develop an openness to new ideas.