University of Bridgeport

INTRO TO VLSI DESIGN
CPE 448

ASSIGNMENT-6
5%

CRITICAL READING

Due by: November 06, 2002
OBJECTIVE:

BE ABLE TO ABSORB TECHNICAL READING IN CONTEXT WITH PRESENT TECHNOLOGY

Last week all of you received an article titled “Benefits, risks in 90-nm SoC solutions” by Jeffrey L. Timbs and Larry Wakeman published in EE Times [Issue 1241]

Refer to this publication and answer following:

1. What do you think of this publication?
2. In your opinion what is the complexity level of this paper? [In the scale of 1-20]. Defend your position. Cite the content of the publication.
3. What are the benefits and risks associated with 90nm SoC? Explain each in your own words. Highlight the one you think author consider to be the most important.
4. In your personal opinion what do you think of the benefits and risks authors mentioned? Do you agree with them? Why or why not? Did they miss out anything else? What are the most important benefit and risk associated?