2013 Scanning Sheet. Assignment Description:												In:	structor: Date: Scanned File Name:
	ABET Outcomes Rubric or Example									Rubric or	Example		
А	в	С	DE	F	G	Н	I	J	к	student %	problem	Outcome #	EE 481 VLSI Design Laboratory (1) – Outcomes Reviewed 2013
													Understand and apply VLSI layout techniques including layout rules, creating standard cell structure, and chip floor
	2	2	2		1		1		1			1	plan.
	2	2	2		1		1		1			2	Understand and use of layout software for design and layout of CMOS integrated circuits.
	2	2	2		1		1		1			3	Design and layout of active deices and interconnection patterns.
	2	2	2		1		1		1			4	Use of layout software to create passive and active components.
	2	2	2		1		1		1			5	Design and layout small scale standard cells.
	2	2	2		1		1		1			6	Understand IC layouts and produce circuit schematics from them
	1=supporting contribution 2=significant contribution Rubric 5: Excellent Mastery of Outcome By Vast Majority of Students 4: Good Mastery of Outcome By Vast Majority of Students 3: Adequate Mastery of Outcome By Majority of Students 2: Marginal Mastery of Outcome By Most Students 1: Lack of Mastery of Concept By Most Students									t Majority of St Majority of Stu Most Students	f Students udents	b. an ability t c. an ability t environmenta d. an ability t e. an ability t f. an understa g. an ability t	o apply knowledge of mathematics, science, and engineering to design and conduct experiments, as well as to analyze and interpret data o design a system, component, or process to meet desired needs within realistic constraints such as economic, al, social, political, ethical, health and safety, manufacturability, and sustainability to function on multi-disciplinary teams o identify, formulate, and solve engineering problems anding of professional and ethical responsibility to communicate effectively education necessary to understand the impact of engineering solution in a global, economic, environmental, and
Im	Improvement Suggestions or Comments:											societal conte	
	<u> </u>												on of the need for, and an ability to engage in life-long learning ge of contemporary issues
													to use the techniques, skills, and modern engineering tools necessary for engineering practice