201	2014 Scanning Sheet. Assignment Description:												Instructor: Date: Scanned File Name:	
ABET Outcomes Rubric or Example											Example			
Α	В	С	D E	F	G	Н	I	J	K	student %	problem	Outcome #	EE 467W Principles of Engineering Design III (1)	
												1	Understand the basic components of feasibility studies.	
		1										2	Prepare project specifications.	
		1						1	1			3	Develop designs using design for test methods.	
		1		1					1				Conduct "brain storming sessions" to support design efforts.	
				1								5	Understand the significance and types of "intellectual property".	
		2	2	2								6	Implement a design based on analog, digital and microprocessor systems with Programmable Logic.	
													Function on interdisciplinary design teams to complete a project and develop assessment skills for	
		2	2	2 1								7	evaluation of team members.	
													Implement designs with adherence to real world constraints – in EE 467 these constraints will be mainly	
		2	2	1								8	created by the course instructor	
					2							9	Demonstrate appropriate verbal communication skills through project presentations.	
													Students will learn about appropriate project documentation including: Engineering Change Orders,	
													Project Budgets, Project Plans, Testing Plans, Specifications, and Final Project Reports. Students will	
1					2								prepare examples of these based on designs of others.	
				2	:	2		2					Present, analyze and critique ethics scenarios.	
									1			12	Prepare an appropriate engineering notebook.	
													Use "tools" that are appropriate to the practice of engineering to include CAE tools for schematic	
													capture, printed circuit board layout and circuit simulation as well as tools associate with "soft	
									2				engineering" such as word processors and spreadsheets.	
1=s	uppo	ortin	g cor	ntribu	ition	<del>                                     </del>			!					
2=s	ignifi	ican	t con	tribu	tion								to apply knowledge of mathematics, science, and engineering	
	5: Excellent Mastery of Outcome By Vast Majority of Students 4: Good Mastery of Outcome By Vast Majority of Students											b. an ability	to design and conduct experiments, as well as to analyze and interpret data	
												-	to design a system, component, or process to meet desired needs within realistic constraints such as	
													environmental, social, political, ethical, health and safety, manufacturability, and sustainability	
													to function on multi-disciplinary teams	
3: Adequate Mastery of Outcome By Majority of Students												e. an ability to identify, formulate, and solve engineering problems		
2: Marginal Mastery of Outcome By Most Students											ts	f. an understanding of professional and ethical responsibility g. an ability to communicate effectively		
1: Lack of Mastery of Concept By Most Students									3y IV	lost Students		•	·	
													d education necessary to understand the impact of engineering solution in a global, economic,	
Imp	Improvement Suggestions or Comments:												ntal, and societal context	
													tion of the need for, and an ability to engage in life-long learning	
													dge of contemporary issues	
												jk. an ability	to use the techniques, skills, and modern engineering tools necessary for engineering practice	