2013 Scanning Sheet. Assignment Description:_____ Instructor:_____ Date:_____ Scanned File Name:_____

ABET Outcomes											Rubric or	Example	Outcome	**EET 223 Electronics II (4) – Outcomes Revised 2016**
A	B	C	D	E	F	G	H	I	J	K	student %	problem	#	
2	1	2	1	1	1					1			1	Use analytical, simulation, and measurement techniques to determine the high frequency response of BJT and FET amplifiers.
2	1	2	1	1	1					1			2	Determine the voltage gain of multistage amplifier circuits.
2	1	2	1	1	1					1			3	Determine, simulate, and measure the bias currents and voltage gain in differential amplifier circuits.
2	1	2	1	1	1					1			4	Determine, simulate, and measure the voltages and currents in single and multiple operational amplifier circuits.
2	1	2	1	1	1					1			5	Use operational amplifiers to construct high-pass and low-pass filter circuits.
2	1	2	1	1	1					1			6	Determine, simulate, and measure the characteristics of power amplifiers.
2	1	2	1	1	1					1			7	Determine the magnitude of the output ripple voltage of half-wave and full-wave rectifier circuit with parallel capacitance and resistance load.
2	1	2	1	1	1					1			8	Determine, simulate, and measure the values of voltages and currents in voltage regulator circuits.
2	1	2	1	1	1					1			9	Determine the frequency of various oscillator circuits.
1			1										10	Understand 2-port networks and multistage amplifiers.

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

Improvement Suggestions or Comments:

a.	an ability to select and apply the knowledge, techniques, skills, and modern tools of the discipline to broadly defined engineering technology activities
b.	an ability to select and apply a knowledge of mathematics, science, engineering, and technology to engineering technology problems that require the application of principles and applied procedures or methodologies
c.	an ability to conduct standard tests and measurements; to conduct, analyze, and interpret experiments; and to apply experimental results to improve processes
d.	an ability to design systems, components, or processes for broadly-defined engineering technology problems appropriate to program educational objectives
e.	an ability to function effectively as a member or leader on a technical team
f.	an ability to identify, analyze, and solve broadly-defined engineering technology problems
g.	an ability to apply written, oral, and graphical communication in both technical and non-technical environments; and an ability to identify and use appropriate technical literature
h.	an understanding of the need for and an ability to engage in self-directed continuing professional development
i.	an understanding of and a commitment to address professional and ethical responsibilities including a respect for diversity
j.	a knowledge of the impact of engineering technology solutions in a societal and global context; and
k.	a commitment to quality, timeliness, and continuous improvement.