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

ABET Outcomes											Rubric or	Example	Outcome	
A	B	C	D	E	F	G	H	I	J	K	student %	problem	#	**EET 452 Operational Amplifier Applications (3) – Outcomes Revised 2016**
2	1	1	1		1								1	Understand op amp terminal characteristics.
2	1	1	1		1								2	Understand the DC and AC characteristics of op amps through application in lab experiments and analytically.
2	1	2	1	1	1					1			3	Apply op amps for comparator circuits in lab experiments and analytically.
2	1	1	1		1								4	Apply op amps for the design and implementation of various types of oscillators in lab experiments and analytically.
2	1	1	1		1								5	Apply op amps for the design of active filters in lab experiments and analytically.
2	1	2	1	1	1					1			6	Apply op amps for signal processing in lab experiments and analytically.
2	1	1	1		1								7	Understand the use of op amps for A/D and D/A conversion.
2	1	1	1		1								8	Understand the operation of Phase Locked Loops.

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.