| ABET Outcomes | | | | | | | | | | | Rubric or student % | Example problem | Outcome # | A K |
A	B	C	D	E	F	G	H	I	J	K				EE 489 Real-Time Embedded Systems (4)
2				1				1					1	Identify problems as hard, firm or soft real-time system and give justification;
2				1		1	1						2	Articulate and contrast different definitions in real-time systems
2		1		1			1					A1	3	Comprehend formal methods based design approaches and utilize design tools to model real-time systems formally or semi-formally;
1				1			1	1					4	Understand the impact of hardware architectures for real-time performance
2		1		1			1			2		K1	5	Analyze the scheduling feasibility of a set of independent tasks;
2				1			1						6	Understand resource policies and system services for inter tasks communication and synchronization;
2		1		1			1		1				7	Differentiate between various performance analysis techniques;
2				1			1		1			A2	8	Understand real-time issues on distributed communication networks such as SCADA;
2				1			1						9	Understand real-time software testing, verification and system integration.
1				1			1		1				10	Awareness of performance optimization techniques.
2	2			1			1			2		K2	11	Simulate executions and critique different implementation choices.
1				1			1		1				12	Comprehend the architecture, functions and applications of one or two widely used RTOSs.

1=supporting contribution
2=significant contribution

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a. an ability to apply knowledge of mathematics, science, and engineering