

Semester-long totals					ECE 4723/6723 Defect Worksheet - Version 1.1																		Hourly Rate				
Team Member #1 Team Member #2 Team Member #3 Team Member #4 Team Member #5		Team GG Christian Bush Spencer Callicott Will Carroll Landon Casey Jack Fletcher			Fill in your team name to the right Add each team member's name (in alphabetical order by LAST name)																		\$125				
Team GG	Hours	LoC	Major	Minor	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	D13	D14	D15	D16	D17	D18	LoC/workday	Cost	Cost/LoC	Cost/Defect	Defects/KLoC
Christian Bush	62	1315	0	4	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	1	169.7	\$7,750.00	\$5.89	\$1,937.50	3.0
Spencer Callicott	72	4719	0	4	1	0	0	1	0	0	0	0	0	1	1	0	0	1	0	0	0	0	524.3	\$9,000.00	\$1.91	\$2,250.00	0.8
Will Carroll	76	5065	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	533.2	\$9,500.00	\$1.88	\$4,750.00	0.4	
Landon Casey	35	210	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48.0	\$4,375.00	\$20.83	\$4,375.00	4.8	
Jack Fletcher	69	3329	2	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	386.0	\$8,625.00	\$2.59	\$2,875.00	0.9
Team totals	314	14638	2	12	2	0	1	1	1	0	1	1	0	2	1	0	0	2	0	0	0	3	372.9	\$39,250.00	\$2.68	\$2,803.57	1.0

- D1 Code does not follow coding conventions
- D2 Function size and complexity are unreasonable
- D3 ISR size, complexity, execution time are unreasonable
- D4 Unclear expression of ideas in code
- D5 Poor encapsulation
- D6 Function prototype not correctly used
- D7 Data types do not match
- D8 Uninitialized variable at function start
- D9 Uninitialized variable going into loop
- D10 Poor logic - will not function as needed
- D11 Poor or missing comments
- D12 Error condition not caught or ignored
- D13 Switch statement without a default case (when using subset of possible conditions)
- D14 Incorrect syntax
- D15 Non-reentrant code in dangerous places
- D16 Slow code in speed-critical area
- D17 Interrupts are not masked during possible critical code
- D18 Other

LAB7

Team GG	Hours	LoC	Major	Minor	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	D13	D14	D15	D16	D17	D18	LoC/workday	Cost	Cost/LoC	Cost/Defect	Defects/KLoC
Christian Bush	15	395																					210.7	\$1,875.00	\$4.75	#DIV/0!	0.0
Spencer Callicott	18	535																					237.8	\$2,250.00	\$4.21	#DIV/0!	0.0
Will Carroll	11	109																					79.3	\$1,375.00	\$12.61	#DIV/0!	0.0
Landon Casey	2	0																						\$250.00			
Jack Fletcher	24	1890	2						1													1	630.0	\$3,000.00	\$1.59	\$1,500.00	1.1
Team Totals	70	2929	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	334.7	\$8,750.00	\$2.99	\$4,375.00	0.7

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