

## Semester-long totals

Team Name	Team GG
Team Member #1	Christian Bush
Team Member #2	Spencer Callicott
Team Member #3	Will Carroll
Team Member #4	Landon Casey
Team Member #5	Jack Fletcher

## ECE 4723/6723 Defect Worksheet - Version 1.1

Fill in your team name to the right  
Add each team member's name (in alphabetical order by LAST name)

## Hourly Rate

\$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	26	401	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	123.4	\$3,250.00	\$8.10	\$1,625.00	5.0
Spencer Callicott	30	2762	0	3	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	736.5	\$3,750.00	\$1.36	\$1,250.00	1.1
Will Carroll	33	3802	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	921.7	\$4,125.00	\$1.08	\$4,125.00	0.3
Landon Casey	22	205	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74.5	\$2,750.00	\$13.41	#DIV/0!	0.0
Jack Fletcher	22	447	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	162.5	\$2,750.00	\$6.15	#DIV/0!	0.0
Team totals	111	7170	0	6	1	0	0	1	0	0	0	0	0	0	1	0	0	2	0	0	0	2	516.8	\$13,875.00	\$1.94	\$2,312.50	0.8

- 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