

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 | 45 | 726 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 129.1 | \$5,625.00 | \$7.75 | \$1,406.25 | 5.5 |
| Spencer Callicott | 48 | 3392 | 0 | 3 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 565.3 | \$6,000.00 | \$1.77 | \$2,000.00 | 0.9 |
| Will Carroll | 59 | 4389 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 595.1 | \$7,375.00 | \$1.68 | \$7,375.00 | 0.2 | |
| Landon Casey | 29 | 205 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 56.6 | \$3,625.00 | \$17.68 | #DIV/0! | 0.0 | |
| Jack Fletcher | 32 | 674 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 168.5 | \$4,000.00 | \$5.93 | \$4,000.00 | 1.5 | |
| Team totals | 181 | 8712 | 0 | 8 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 385.1 | \$22,625.00 | \$2.60 | \$2,828.13 | 0.9 |

- 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