

16.216: ECE Application Programming

Fall 2011

Lecture 6: Key Questions September 16, 2011

1. What are the basic arithmetic operators supported by C?
2. Describe the C bitwise operators.

3. Explain C bit shift operators and their uses.
4. What is the order of operations for C operators?

5. **Example 1:** Evaluate each of the following expressions, including the type (`int` or `double`) in your answer.

a. $19/3$

b. $3/19$

c. $19\%3$

d. $3\%19$

e. $5 + 7/2$

f. $5.0 + 7/2$

g. $5 + 7.0/2$

h. $5 * 3 \% 3 / 6 + 14 + 10 / 2$

i. $5 * (3 \% 3) / 6 + 14.0 + 10/3$