



## **The CCB Science 2 Service Distance Learning Program<sup>®</sup>**

*Please complete all required information and fax to 203.284.9500*

*For questions or assistance with the program, please email Jeff at [JQuamme@ctcertboard.org](mailto:JQuamme@ctcertboard.org)*

### **S2S 2047 The Science of Addiction**

#### **PRE-TEST**

1. Abuse and addiction to alcohol, nicotine, and illegal substances cost Americans upwards of \_\_\_\_\_ dollars per year.
  - a. 50 billion
  - b. 100 billion
  - c. ½ trillion
  - d. 1 trillion
  
2. Brain-imaging studies from drug addicted individuals show physical changes in areas of the brain critical to \_\_\_\_\_.
  - a. judgment and decision making
  - b. learning and memory
  - c. behavior control
  - d. all of the above
  
3. \_\_\_\_\_ a drug increases its addictive potential.
  - a. snorting
  - b. injecting
  - c. smoking
  - d. b and c only
  
4. Chemical messengers in the brain are called \_\_\_\_\_.
  - a. neurotransmitters
  - b. receptors
  - c. neurons
  - d. transporters