

## **JAVA test guide**

### Waiver Exam for bridge requirement

- I. File I/O
  - a. Read/write files using character & byte (binary I/O)
- II. GUI
  - a. Simple calculations & display
- III. Threads
  - a. Create multiple threads to run simultaneously
  - b. Write your code to avoid race conditions
- IV. Network Communications
  - a. Client/Server communications
    - i. Write a simple client & multi-threaded server to send text as in a multi-user chat program