

# **Pointers in C++ Workshop**

## **Outline of Contents**

1. What is a pointer?
2. Declaration of pointers
3. Types of pointers
4. Initialization of pointers
5. Dereferencing pointers
6. Passing pointers to functions
7. Array names as pointers: accessing array elements by using pointers
8. Pointer arithmetic
9. Uses of pointers (dynamic data structures, etc ... not too much on this)

Provide plenty of code examples

Covers week 11 and 12 in CS I syllabus  
(<http://cs.franklin.edu/Syllabus/comp110>)