

Intermediate: Introduction to the Object Orientation Paradigms and its Use in C++

C++

- **Exceptional C++: 47 Engineering Puzzles, Programming Problems and Solutions, Herb Sutter**
>>Amazon.com: Books: Exceptional C++: 47 Engineering Puzzles, Programming Problems, and Solutions
- **More Exceptional C++, Herb Sutter**
>>Amazon.com: Books: More Exceptional C++
- **Effective C++: 50 Specific Ways to Improve Your Programs and Design (2nd Edition), Scott Meyers**
>>Amazon.com: Books: Effective C++: 50 Specific Ways to Improve Your Programs and Design (2nd Edition)
- **Effective STL: 50 Specific Ways to Improve Your Use of The Standard Template Library, Scott Meyers**
Amazon.com: Books: Effective STL: 50 Specific Ways to Improve Your Use of the Standard Template Library

OBJECT - ORIENTED PROGRAMMING

- **Design Patterns, Erich Gamma, Richard Helm, Ralph Johnson & John Vlissides**
>>Amazon.com: Books: Design Patterns

GENERIC PROGRAMMING

- **Generic Programming and the STL: Using and Extending the C++ Standard Template Library, Matthew H. Austern**
>>Amazon.com: Books: Generic Programming and the STL: Using and Extending the C++ Standard Template Library

SCIENTIFIC PROGRAMMING

- **Scientific and Engineering C++: An Introduction With Advanced Techniques and Examples, John J. Barton & Lee R. Nackman**
>>Amazon.com: Books: Scientific and Engineering C++: An Introduction With Advanced Techniques and Examples
- **Numerical Recipes in C: The Art of Scientific Computing, William H. Press et al.**
>>Amazon.com: Books: Numerical Recipes in C : The Art of Scientific Computing
- **Techniques for Scientific C++, Todd Veldhuizen**
>>Techniques for Scientific C++
- **C++ Programming for Scientists, Roldan Pozo & Karin Remington**
>>NIST Course on C++ Programming for Scientists
- **Numerical C++ Forum & References**
>>www.oonumerics.org