

Basic OO Programming with C++

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General Remarks

- **Objetivo:** *Discutir os principais conceitos e os princípios básicos da Orientação a Objetos usando a linguagem C++.*
- **A quem se destina :** *Alunos e Profissionais que desejem aprofundar seus conhecimentos sobre Linguagem C++ e suas aplicações*

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Bibliography

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- *Effective C++: 55 Specific Ways to Improve Your Programs and Designs (3rd Edition)* by Scott Meyers
 - [amazon-books](#)
- *The Most Important C++ Books...Ever*
 - http://www.artima.com/cppsource/top_cpp_books.html
- *C++ Free Computer Books*
 - <http://www.computer-books.us/cpp.php>

Webliography

- CppNotes - Fred Swartz
 - <http://www.tecgraf.puc-rio.br/~ismael/Cursos/apostilas/Cpp-Notes/index.html>
- The Code Project - C++
 - <http://www.codeproject.com/index.asp?cat=2>
- C/C++ reference
 - <http://www.cppreference.com/index.html>
- Boost - free peer-reviewed portable C++ source libraries
 - <http://www.boost.org/>

Contents – Basic Level

- Module 1 – Introduction to Operating Systems
- Module 2 – Introduction to OO programming
- Module 3 – Introduction to C++
- Module 4 – Inheritance (Simple and Multiple) and Polymorphism
- Module 5 – Exception Handling
- Module 6 – Templates