Instructor: Prof. Mostafa Aref, Room No: Tech 140, Phone: 576-4760
Email: aref@bridgeport.edu, www.bridgeport.edu/~aref/

Text Book:

Reference:

Course Description:
This course introduces the modern object-oriented programming philosophy using C++ to the beginning graduate students. The emphasis is on developing the programming thought process in terms of objects and their interactions to each other. Concepts covered include data hiding, code reuse through inheritance, polymorphism, templates, exception handling, and developing appropriate class hierarchy and code maintenance for large software projects.

Grading Policy:

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<th>Activity</th>
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<tr>
<td>Quizzes</td>
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<tr>
<td>Programming Assignments</td>
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<td>Exam 1 (Thursday, October 14)</td>
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<td>Exam 2 (Thursday, December 2)</td>
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Material to be covered:
- OOP & Object-Oriented Design
- Unified Modeling Language (UML)
- Classes and Objects
- Inheritance and Class Derivation
- Polymorphism
- The .NET Framework
- Event-Driven Programming
- Exception Handling
- Threads and Animation
- Networking