

**Computer Science 175AD**  
**(Programming with C++)**  
**Fall 2006**

**Instructor:** Jack Lewin / Mike Yendrek

**Email:** [JackLewinGWC@aol.com](mailto:JackLewinGWC@aol.com), [myendrek@gwc.cccd.edu](mailto:myendrek@gwc.cccd.edu)

**\*\*\* Lectures Available on Web Site: [www.tsquarec.com](http://www.tsquarec.com) \*\*\***

**Instructors:** (Golden West College, UCI & Cerritos College)

- C/C++/C#
- ASP .NET
- Visual Basic .NET, Visual Basic 6.0(Beg., Int., Adv.)
- SQL Programming, SQL Server, Database Design
- Data Structures, Adv. Access/Crystal Reports

**COURSE OBJECTIVE**

To be able to develop applications using C++ and gain an understanding of object oriented principles using C++.

**TEXT BOOK**

**Teach Yourself C++ in 21 Days**

**Authors: Jesse Liberty & Bradley Jones**

**Sams Publishing**

**Fifth Edition**

**ISBN 0672327112**

**GRADING**

<b>90-100</b>	<b>A</b>
<b>80-89</b>	<b>B</b>
<b>70-79</b>	<b>C</b>
<b>60-69</b>	<b>D</b>

<b>Lab Assignments</b>	<b>30%</b>
<b>Midterm</b>	<b>30%</b>
<b>Final</b>	<b>40%</b>

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**SCHEDULE**

<b>Week</b>	<b>Dates</b>	
<b>1</b>	<b>08/31/06</b>	<b>Day 1: Getting Started</b> <b>Day 2: Parts of a C++ Program</b> <b>Day 3: Variables and Constants</b>
<b>2</b>	<b>09/07/06</b>	<b>Day 4: Expressions and Statements</b>
<b>3</b>	<b>09/14/06</b>	<b>Day 5: Functions</b> <b>Day 6: Basic Classes</b>
<b>4</b>	<b>09/21/06</b>	<b>Day 7: More Program Flow</b>
<b>5</b>	<b>09/28/06</b>	<b>Day 8: Pointers</b>
<b>6</b>	<b>10/05/06</b>	<b>Day 8: Pointers (cont'd)</b>
<b>7</b>	<b>10/12/06</b>	<b>Review</b>
<b>8</b>	<b>10/19/06</b>	<b>Midterm</b>
<b>9</b>	<b>10/26/06</b>	<b>Day 9: References</b>
<b>10</b>	<b>11/02/06</b>	<b>Day 10: Advanced Functions &amp; Overloading</b>
<b>11</b>	<b>11/09/06</b>	<b>Day 10: Advanced Functions &amp; Overloading (cont'd)</b>
<b>12</b>	<b>11/16/06</b>	<b>Day 12: Inheritance</b>
<b>13</b>	<b>11/23/06</b>	<b>Holiday</b>
<b>14</b>	<b>11/30/06</b>	<b>Day 13: Arrays and Strings</b>
<b>15</b>	<b>12/07/06</b>	<b>Day 13: Arrays and Strings (cont'd)</b> <b>Review</b>
<b>16</b>	<b>12/14/06</b>	<b>Final</b>

