



geeks4learning  
a journey to excellence

# Programming in C# 6.0

Short Course

- ✓ Course duration: 1 Week
- ✓ Access duration: 4 Weeks
- ✓ Training: Theoretical
- ✓ Available: Online
- ✓ Aligned with: Current industry standards and trends



<b>Course Details</b>	
<b>Why Enroll to G4L academy:</b>	<p>Our purpose is to help you accomplish your career dreams by aligning our training with what the job market expects in terms of the required knowledge and skills; hence by successfully completing the Geeks4Learning courses you will be better positioned within the job market.</p> <ul style="list-style-type: none"> <li>• We offer free career counselling services</li> <li>• Industry aligned training - we can customize your training to meet your needs</li> <li>• MICTSeta accredited qualifications - exceptions are applicable, contact us for more information</li> <li>• Internationally approved courses</li> <li>• Our courses which are aligned to industry certifications such as Microsoft, Oracle, and ISTQB etc.</li> <li>• We have integrated both theoretical and practical assessment tools that are internationally renowned and well accepted in the South African market</li> <li>• We are a PearsonVUE Test Center, a one-stop academy.</li> </ul>
<b>Purpose of Course</b>	To introduce the student to C#, which is one of the most used General-Purpose Object-Oriented Programming languages. The course will provide the student with detailed information coupled with coding practices, assessments, and projects. After this course, the student will be able to take on a C# project.
<b>Entry Requirements:</b>	Grade 12, Matric & Mathematical Literacy for NQF level (National Certificate)
<b>Costs:</b>	
<b>Course Fees Includes:</b>	<ul style="list-style-type: none"> <li>• Access to our learning management system</li> <li>• Industry aligned internationally approved courses</li> <li>• Geeks4Learning course completion certificate</li> </ul>
<b>Course Description:</b>	<ul style="list-style-type: none"> <li>• C# is a general-purpose, multi-paradigm programming language encompassing strong typing, lexically scoped, imperative, declarative, functional, generic, object-oriented, and</li> </ul>

	<p>component-oriented programming disciplines.</p> <ul style="list-style-type: none"> <li>This course is in line with Microsoft's Exam 70-483: Programming in C#.</li> </ul>
<b>Key Exit Outcomes / Units:</b>	<p>Unit 1: Overview of the .Net Framework Architecture</p> <p>Unit 2: Introduction to C# and Object-Oriented Programming</p> <p>Unit 3: Primitive types and variables</p> <p>Unit 4: Operators and Expressions</p> <p>Unit 5: Console Input and Output</p> <p>Unit 6: Conditional Statements</p> <p>Unit 7: Loops</p> <p>Unit 8: Arrays and Collections</p> <p>Unit 9: Methods</p> <p>Unit 10: Recursion</p> <p>Unit 11: Lambda Expressions</p> <p>Unit 12: Object Oriented Programming in depth</p> <p>Unit 13: Classes and objects</p> <p>Unit 14: Handling and raising events</p> <p>Unit 15: Asynchronous programming and multi-threading</p> <p>Unit 16: Exception Handling</p> <p>Unit 17: Debugging Applications and Security</p> <p>Unit 18: Data Access Implementation</p> <p>Unit 19: COM Interoperation and Windows API</p>
<b>LMS Website:</b>	<a href="http://geeks4learning-elearning.com">http://geeks4learning-elearning.com</a>
<b>Learner Queries/Support:</b>	<a href="mailto:enquiries@geeks4learning.com">enquiries@geeks4learning.com</a>