<table>
<thead>
<tr>
<th>Course Title:</th>
<th>Programming with .NET API for AutoCAD</th>
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<td>Description:</td>
<td>Want to get under the hood of the .NET API for AutoCAD? If you wish to customize AutoCAD or develop applications on top of it—without having to learn AutoLISP programming first—then this class is for you. This course is designed for developers and experienced users of AutoCAD software who would like to develop applications using the AutoCAD .NET API. This class provides a detailed outline of the features associated with the AutoCAD .NET API. In addition to technical overviews, this course offers sample C#.NET code and hands-on labs, as well as examples to get you started.</td>
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| Learning Objective: | After completing this course you will be able to:  
- Understand AutoCAD namespaces and .NET API object model diagram  
- Define the DWG database structure  
- Understand the collection objects  
- Define the difference between graphical and non graphical objects  
- Control AutoCAD preferences programmatically  
- Understand DWG database transaction life cycle  
- Implement nested transaction  
- Understand the user prompt object relationships  
- User Interface design - WinForms dialogs and AutoCAD palettes.  
- Create basic drawing object like: line, text, circle, pline and more  
- Manipulate basic drawing object like: line, text, circle, pline and more  
- Executing AutoCAD inbuilt commands  
- Define the AutoLISP command definition and execute it  
- Work with selection set, selection filtering, pick object from screen, adding, removing and merging objects in selection sets  
- Define model and paper space  
- Setup layout, plot setting of layouts  
- Working with viewports  
- Plot model and paper space and control plotting styles  
- Understand the event handler in AutoCAD  
- Handle various object events  
- Application deployment and installation. |
| Fees Structure: | 14000.00 INR, for resident Nationals of India, Nepal, Bhutan, Bangladesh, Sri Lanka and Maldives, & Myanmar.  
450 USD, For Non-Residents of India |
| Course Duration: | 40 Hours |
| Prerequisites: | Experience with the VB.NET / C#.NET programming languages is required.  
A basic understanding of the "end-user" functionality of AutoCAD is required. Prior experience customizing AutoCAD will added benefits. |
| Who Should Attends: | Developer or experience CAD Operators |
| Training Mode: | Online - Instructor Lead  
Classroom - Instructor Lead |
| Batch Capacity: | 10 Students |
### How to Apply:

Interested candidates should submit the "Registration Form" along with registration fee of 5000.00 INR. Fee can be paid in cash or Demand Draft drawn in favor of 'Khagolam Institute of Geoinformatics' payable at Mumbai.

[Click here to know bank details and step by step registration process.](#)

### For Further Information Contact Us:

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