



❖ **Course Description**

ASK PC 2D Game Developer is a comprehensive course in Game design, development and authoring using Rapid Multimedia Authoring Technology.

❖ **Type of Delivery**

Self-paced course **OR**
Instructor-led training by certified instructor

❖ **Duration**

120 hours

❖ **Training Benefits**

- ✓ Game Design and Development Study Guide (Soft Copy)
- ✓ Video Demos & Tutorials
- ✓ Activities and practice
- ✓ Sample Games with Source Code
- ✓ Exam & Project
- ✓ ASK PC 2DGD Certificate
- ✓ IEEE CEUs Certificate
- ✓ Software discount offered by [CLICKTEAM](http://www.clickteam.com)

❖ Course Contents

ASK PC 2D Game Design and Development course is the first Game course in the Middle East which utilizing the new concept of Rapid Multimedia Design and Development. This course is based on well-known Rapid Game Design and Development tools created by [CLICKTEAM](http://www.clickteam.com) in addition to general introduction about computer games, design, concept and development. ASK PC is an education partner for CLICKTEAM.

<http://www.clickteam.com/eng/edpartners.php>

❖ A few of the covered topics are

- Introduction to Computer Games
- 2D vs. 3D Games
- Game Types or Genres
- Computer Gaming technology
- Methodology behind game design
- Pre-production design
- Production process
- Testing process
- Making the game – Traditional methods
- Rapid Authoring Tools
- Meeting CLICKTEAM Products
- Understanding Multimedia Fusion
- Dealing with MMF Interface
- Designing and Creating Game levels
- Application structure in MMF
- Storyboarding
- Working with Game Objects
- Layering in Game design and development
- Understanding Game Actions and events
- Understanding Game Logics
- Advanced Topics in Game Development using MMF
- Creating Screen Scrolling Technique
- Creating your first game (idea, flowchart, logic, objects etc)
- Understanding Multimedia elements (Audio, video)
- And much more...

❖ Target Audience

This course targets anyone with basic IT knowledge and willing to enter the world of computer game design and development. It is a comprehensive course using Rapid Authoring technology and it is suitable for both beginners, intermediate and advanced multimedia developers and designers. This course is very effective to teach young people how to think like a programmer, multimedia designer and game developer.

❖ Prerequisites

Applicant should be familiar with basic IT knowledge such as dealing with OS and Applications. Fair knowledge in programming languages, logics, multimedia and graphic is recommended but not required.

❖ About the author

Dr. Mohamed N. El-Guindy, PhD, CEng, MBCS CITP, MIEEE, ABILD is the author of ASK PC courses. He is also the founder and president of both ASK PC and ISSA chapter in Egypt. He has broad experience in the field of Information Technology and also speaker in many technology events. For more information, kindly check this page: <http://www.ask-pc.com/founder.html>

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