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Multisim Course

Email Contact: info@educba.com



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Course Overview

In this Course you get to learn:

You will get to learn about the National Instruments software MultiSim to study and evaluate the performance of Circuits.

Further, you will understand circuit designing, simulations and performance analysis on the circuits.

Multisim Course Skills

We learn the following skills:

How to build a schematic and circuit performance through simulation and analyses.

Understanding Multisim user interface, the creation of custom components, custom title blocks.

Prepare yourself in manufacturing design, working with design constraints.

Course Features



Course Duration- 5+ Hours



Number of Courses



Verifiable Certificates



Lifetime Access



Technical Excellence

About Multisim Course

- It is a National instruments software Multisim online circuit simulator and general-purpose EDA tool and has become a great learning tool for educators.
- It allows modeled design products to finish in less period of time.
- The latest version of Multisim is 13.0 which has advanced simulation technology.

Multisim Course

This is a Bundle Course that includes complete in-depth Multisim Course combined into one Complete Course.

This Bundle perfectly meets the requisite of the industry and gives you a better chance of being hired as a Multisim professional.

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MultiSIM:01 Understanding UI

Section 1. Introduction

- Introduction to Multi SIM - Schematics Capture
- Learn About Menus

Section 2. Toolbar

- Learn Toolbars
- Learn Toolbars Continues

2

MultiSIM:02 - Drawing a Schematic

Section 1. Drawing Schematic Placing Components and Wiring

- Drawing Schematic Placing
Components and Wiring
- More on Placing
Components and Wiring
- Drawing Schematic Sheet
- Global Preferences

Section 2. Inserting Title Block and Adding Sub-Circuits

- Inserting Title Block
- Adding Sub Circuits

Section 3. Schematic Drawing

- Transformerless Power Supply
- Schematic Drawing
- Schematic Drawing Continues

3

MultiSIM:03 - Working with Instruments

Section 1. MultiSIM:03 - Working with Instruments

- Working with Instruments - Multimeter
- More on Multimeter

Section 2. Oscilloscopes

- Introduction Working with instruments Oscilloscopes
- Connect Oscilloscopes to Power Supply

Section 3 . Wattmeter

- Working with instruments - Wattmeter
- Checking perform of Circuit using Wattmeter

Section 4. Measurement Probe and Frequency Counter

- Measurement Probe
- Frequency Counter

Section 5. Logic Analyzer

- Logic Analyzer
- Logic Analyzer Continues

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MultiSIM:04 - Microprocessor Control Units (MCU)

Section1. Introduction

- Introduction to MUC
MicroProcessors and PIC
- Example of MUC
MicroProcessors and PIC

Section 2. Integrating and Designing Motherboards

- Integrating Motherboards
- Designing Motherboards

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MultiSIM:04 - Microprocessor Control Units (MCU)

Section1. Introduction


- Introduction to MultiSIM Schematics
- Circuit Voltage for Variables

Section 2. Fourier Analysis

- Understanding Fourier Analysis
- Distortion and Noise analysis

Section 3. Measurement Probes and Post Processor

Measurement Probes and Post processor



Frequently Asked Questions

How this Multisim training course helps business problems?

The business problems are rectified using NI Multisim with the help of circuit design. The added advantage is it gives clear accurate circuit diagram and saves money.

What are the key benefits of taking this Multi Sim training?

The professionals from R&D Department, scientist and engineering graduates who are knowledging the challenges in the real world to develop and deliver their solutions to the outside environment can learn this Multi Sim course.



Customer Reviews

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This Multisim training is good for academic teaching as they trained to design real-time aspects. Most part of the course is helpful to process signals and to measure any sensors using simulation. I strongly recommend this course to starters and android developer. You will be prepared to get basic knowledge on the IOS app. This was an excellent course which I feel will be useful for the students in academic and professionals in the electronics domain. The software package used here is easy to use, flexible, high in quality.

Sumaira Parikh

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I really enjoyed learning this Multisim course and it's a good starting point too. This training gives a good practical introduction on working with circuits by placing resistors, diodes, batteries in just one single click and drag and drop. Most students from electronics backgrounds and digital electronics can grasp easily even It doesn't require any prior knowledge on it so computer graduates can also take up this training. During these courses, we can learn schematic drawings circuits with fun using basic gates, diodes etc.

Munira Lokhandwala



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For Queries please contact:

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