

Add to Library from Portal

Energy Systems Analysis



In this lab manual, student essential functionality and DC, DC-DC, DC-AC, and of the most common power systems that are found in everything from computers to modern electric cars and wind generators.
by Quanser Inc.

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Teach Online Course

Course Name

Energy Systems Analysis

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You may **change** or **keep** the Course Name

When you are ready click **Create**

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Add to Library from Portal

The screenshot shows the Thinkscope portal interface. At the top, there's a blue header with the Thinkscope logo and 'NATIONAL INSTRUMENTS' branding. Below the header, there's a navigation bar with buttons: 'Back to Courses', '+ Add Activity', 'Get Invitation Code', 'Edit Course', 'Add a New Module', 'Publish Modules', 'Add Users to Course', and 'Delete Course'. The main content area is titled 'Energy Systems Analysis VS2' and includes a 'Description' section. Below the description, there's a section titled 'Modules in Energy Systems Analysis VS2' which displays five module tiles. Each tile has a link icon (a circle with a chain link) in the top right corner. The tiles are: 'INTRODUCTION: ENERGY SYSTEMS BOARD' (with a photo of a board), 'LAB 1: DC POWER' (with a waveform graph), 'LAB 2: AC POWER' (with a transformer diagram), 'LAB 3: CONVERTING BETWEEN AC AND DC PO...' (with a bridge rectifier circuit and waveforms), and 'LAB 4: ENERGY SYSTEMS' (with a block diagram). A fifth tile, 'ENERGY SYSTEMS ANALYSIS ANSWER KEY' (with a photo of a board), is also visible. A red box highlights the link icon on the 'LAB 3' tile, with a red arrow pointing to a callout box. A dashed arrow points from the top of the page to the 'Add Activity' button.

Click on any module tile to access the module

The course will open in the **Admin View** of Thinkscope

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You can now add students and/or clone the course or individual modules

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This link icon indicates that these modules are linked to the original and will receive any updates that are made within that module from the original module author