

Basic Electronics Training



Taking the First Step Towards a Technical Career

Representative

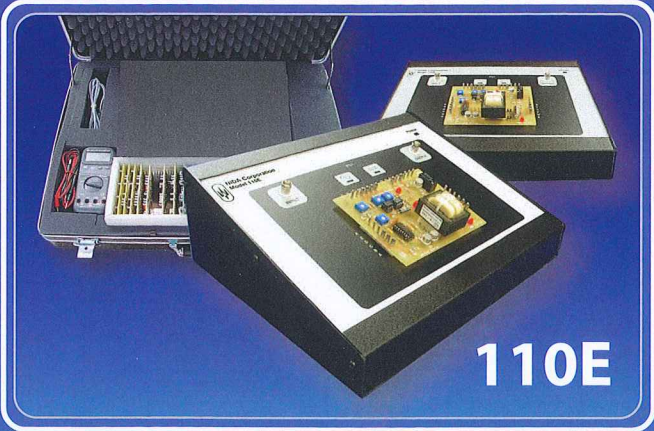


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Secondary Schools, Post-Secondary Schools, Technical Schools, Universities, Industry, Military

Basic Electronics Training Hardware

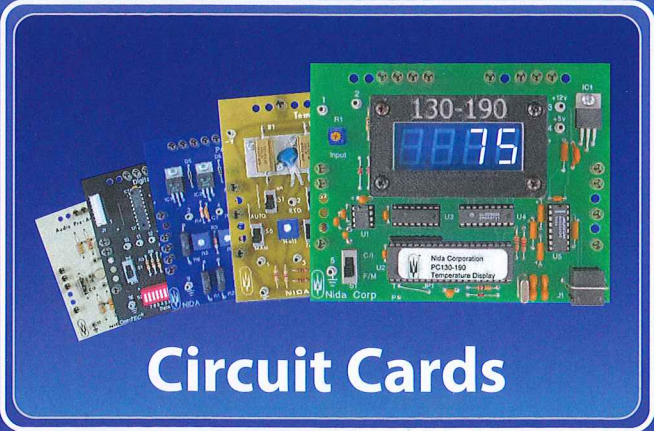


Nida 110E BEE Trainer

The 110E provides an inexpensive solution for teaching core electronics subjects. The single-position trainer is ideal for applications involving Basic Electricity and Electronics, Basic Technology, Core Electronics, Automotive Electronics, and Distance Learning.

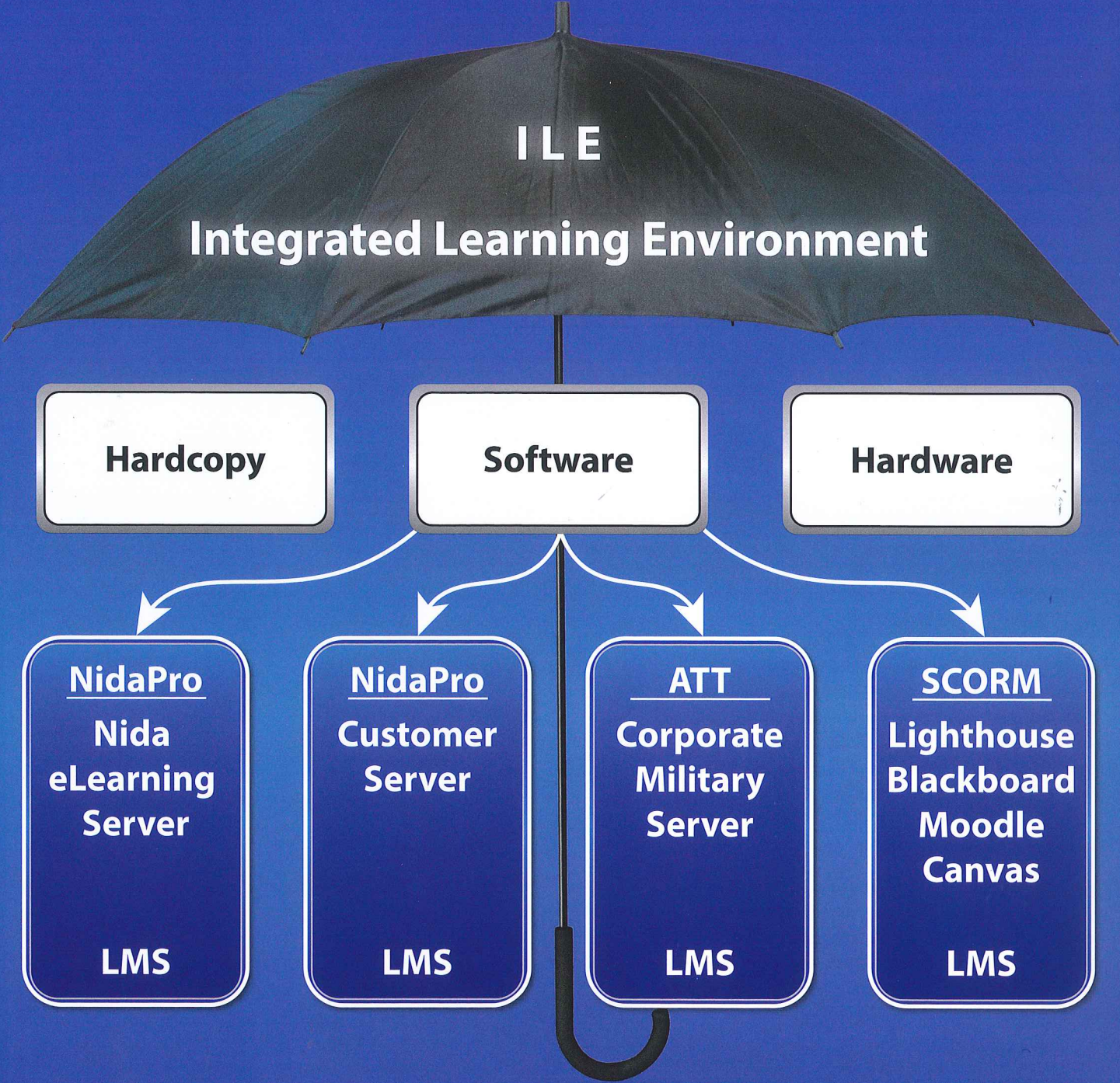
Nida 130ST Trainer

Considered the workhorse of the Nida family of trainers, the Model 130ST is the most versatile trainer ever developed by Nida. This trainer supports all existing Nida experiment cards and their associated curriculum covering both Basic and Advanced subjects. The 130ST allows interaction via a 7" resistive touch screen and provides options for WiFi and Bluetooth.



Circuit Cards

Nida's inventory of circuit cards includes over 500 individual circuits. These cards start from the very basic, like series circuits, and increase in complexity as the technology demands. Nida's most current card addition set is Fast Track. Fast Track is an assortment of cards that focus on measurements, alignments, signal tracing, and fault finding.



Nida includes a free LMS as part of our curriculum package that can be installed locally and managed entirely by the user. As an option, Nida offers an online eLearning site that is also managed by the user but, requires no IT staff. And, for those who have their own LMS the curriculum is available in SCORM compliant packages.

Nida offers over 3,000 hours of computer-based learning content covering basic electronics, mathematics, communications, industrial automation, automotive electrical, aviation maintenance technology and many other technical subjects. The learning content is modular in design and provides a theory presentation, followed by a hands-on experiment and topped off with a randomly generated end of lesson quiz.

Nida's knowledge assessments and special performance testing card sets are designed as capstone events to ensure that your student can apply their new knowledge and practical skills.

Fundamental Electronics



Core Electronics

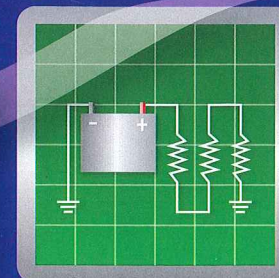
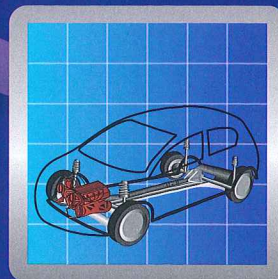
The core electronics program is modular and adapts to different levels of instruction. It can be used online and support traditional classroom instruction. The theory is easy to understand and offers built-in feedback and assistance during exercises and quizzes.

Associated Hardware

Add hardware to the curriculum and the training package is complete. Each subject in DC, AC, Analog, and Digital is fully supported by individual circuit cards that reinforce the theory with actual hands-on experiments. Students leave the classroom with both knowledge and skill.

Supporting Skills

Nida offers several supporting skills that can be taken with core subjects or added at the end of a course. Wiring and Circuit Construction fit into the basic flow of electronics. Other supporting skills can be taken at any time such as Soldering, Car Audio, Trailer Wiring, and Cables and Connectors.



Automotive Electronics

The automotive program teaches the same core subjects but places less emphasis on math and circuit design. Special automotive cards and lessons relate directly to automotive students. Even the test equipment used is specific to what is used on the automobile.

Aircraft Electronics

The Nida core program also supports Aircraft Electronics, in that students do not need to choose a career path before starting. From the basic core program students can easily transition into Aviation subjects and obtain certifications in AMT and AET programs.

Project Digital

Project Digital is part of Nida's Fast Track program that emphasizes the testing and troubleshooting of digital electronics. A more traditional digital program focuses on logic gates and registers while Project Digital teaches a student to trace signals and locate malfunctioning assemblies.

SkillsUSA

Nida sponsors the National SkillsUSA Electronics Technology competition held annually. Over 60 contestants each year strive to be the best of the best! The Model 130 Trainer and associated experiment cards form the basis of the Skills Competition.

Support Programs[®]

Mathematics

Chemistry

Physics

Soldering

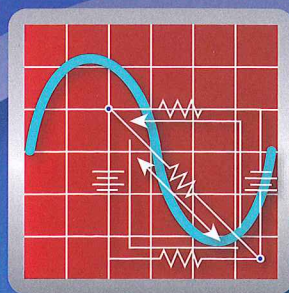
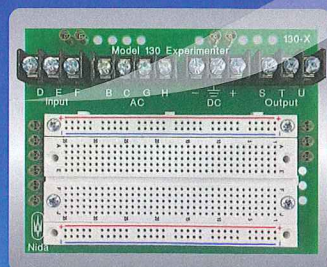
Cables & Connectors

Car Audio

Trailer Wiring

Skills Practice

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Nida Corporation - Customer Services

Software Technical Support

All Nida software comes with a 5-year basic level of technical support to ensure the program continues to run smoothly.

Student Centered Learning

Nida staff are ready to assist you in developing strategies designed for long term training solutions or simply in assisting your instructors in managing a student-centered learning environment.

Nida eLearning Services

Unable to host a web-based training program yourself? Nida eLearning services allow you to manage, distribute, monitor, and collect student data via the Nida web server.

Instructor Workshops

Keeping up with the latest delivery techniques for technical training is a must when working with today's "Information Age" students. Nida's "Train the Trainer" workshop covers learning management, content management, and learning environments, providing tactics that can be implemented immediately into your training programs.

Custom Training Development

Nida is in the unique position of being able to customize technical training precisely according to specifications received from individual clients. Because all courseware (including hardware and software) is developed by Nida, we can design new learning content or make changes to existing resources as needs of our customers change.

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