

SUCCESS STORY

ABB Sponsors Control & Motion Laboratory

AC500 PLC in Use at Ruppin Technological College



“Thanks to ABB’s donation, our students will not only have theoretical knowledge about PLCs but also highly valuable practical training. This will undoubtedly be a unique selling point for our students on the labor market so that they can hit the ground running right after graduation.”

Gil Artzi, Head of the Mechatronics Department at Ruppin Technological College

01 Control laboratory at
Ruppin Technological College
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The Educational Institution

Ruppin Technological College near Netanya in Israel was founded in 1961 and has since become a leading technological institution in Israel, offering education in engineering. More than 2,500 students study in the 12 undergraduate and graduate degree programs and pre-academic preparatory programs which focus on engineering, technology and high environmental awareness. Ruppin’s School for Practical Engineers offers one of the most comprehensive programs in control and mechatronics studies in Israel and produces many of the most sought-after electrical and industrial engineers.

ABB’s Contribution

To give engineering students a hands-on approach to the subject, a laboratory has been set up at Ruppin Technological

College in which students will learn how to integrate automation concepts into machinery and processes across different industries. ABB has donated ten systems for the lab, including the [AC500 V3](#) programmable logic controller, [CP600-Pro](#) control panels, [ACS580](#) variable frequency drives, [PSTX](#) softstarters, motors and low-voltage equipment. The students will use the lab on a regular basis as part of the official syllabus and will, for instance, train how to use the operating system, properly set up sensors and actuators, and apply programming languages. For programming, they will use the software solutions ABB [Automation Builder](#), Panel Builder and Drive composer.

For more information or inquiries about possible cooperation with universities, please contact ABB Automation Products GmbH.

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