MATRIX SOUTHERN UNIVERSITY SHREVEPORT**CASE STUDY**

SUSLA
SOUTHERN UNIVERSITY SHREVEPORT LOUISIANA
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Southern University at Shreveport (SUSLA) in Louisiana USA, recently launched a new Process and Petroleum Technology program in the Department of Engineering Technology. The aim is to equip the next generation of technicians and operators in oil and gas companies and chemical manufacturing plants with necessary knowledge and applications of instruments in such industries. Through a generous grant from federal and state agencies, as well as private businesses, SUSLA offered the PTEC programme at Southern University in Baton Rouge (SUBR) campus near where a large number of petrochemical industries operate. In addition, the grant enabled the purchase and set up of state of the art equipment to ensure students were provided with the latest technology in the area of Process Technology. Our local dealer in the area Technical Training Aids, spoke to Dr Vahid Atashbari (Program Coordinator) about how they were using a new technical training tool in their classrooms.

"The design of the instruments, as well as the softwares, were easy to understand and work with. I like the idea of providing standalone units for each process variable, which enables the instructor and students to work on multiple activities simultaneously. Moreover, providing individual software for on/off and automatic control helps with understanding the instrument control for freshman students with little to no experience in instrumentation. We will definitely use the Matrix products in the Instrumentation course in upcoming semesters."

Dr Atashbari
Program Coordinator at the Southern University at Shreveport (SUSLA)

"I feel that the MPC has prepared me for the future by allowing me to use instruments that I normally wouldn't get to use until I'm in the workforce. I would describe my overall experience as adventurous. I have learned many new things that I would have never imagined. Both my professor and the MPC have helped me grow tremendously in one semester."

Student

"My experience using the Matrix Process Controls for the first time was very informative. The control systems gave me a better hands-on understanding of how process equipment works instead of just a visual aid from a textbook. I was able to conduct several labs with the equipment, and it taught me a lot of things dealing with pressure, flow, temperature, and level. I feel I am better prepared to move on to other courses dealing with process technology and later in my professional career."

Julius
Student