

■ PROCESS CONTROL TECHNOLOGY CERTIFICATE (PRCC)

Knight Campus, Warwick only

The Process Control Certificate Program is designed to educate the student in the control of industrial and manufacturing process by local or remote means. The curriculum is designed to familiarize the student with a variety of industrial and scientific instruments, including automatic controllers, recorders, transmitters, analyzers and indicators. The process control student receives instruction in electronics, mechanics, hydraulics and pneumatics.

In this certificate program, the student is trained to calibrate, maintain, design and operate instruments used on process control systems. These systems include biotechnology, power generation, chemical, pulp and paper, water and wastewater, as well as food and beverage systems.

All students successfully completing the Process Control Technology Program at the Community College of Rhode Island have a majority of courses common to other Associate in Applied Science Degree programs available and can continue their studies with little or no loss of credit toward the multiple associate degrees offered.

COURSE NO.	COURSE TITLE	CREDITS
<input type="checkbox"/> ENGR 1020 P	Introduction to Engineering and Technology	3
<input type="checkbox"/> ENGR 2320	Digital Electronics	4
<input type="checkbox"/> ETEK 1030	Fundamentals of Circuit Analysis I	4
<input type="checkbox"/> ETEK 1060 P	Fundamentals of Circuit Analysis II	4
<input type="checkbox"/> ETEK 1120 P	Electronic Devices and Circuits I	4
<input type="checkbox"/> INST 1110	Instrumentation I	5
<input type="checkbox"/> INST 1210 P	Instrumentation II	5
<input type="checkbox"/> INST 2310 P	Control Principles	5
<input type="checkbox"/> INST 2320	Introduction to Programmable Logic Controllers	3
Total Certificate Credits		37

P This course has a prerequisite. See Course Descriptions section for class hours, prerequisites and corequisites.