

**Industrial Systems / HVAC
Career Readiness Certificate**

This career pathway is designed to prepare students for entry level careers as maintenance technicians in a variety of settings. The curriculum topics will include industrial electricity, HVAC systems, welding, hydraulics and pneumatics and machine shop practices. The content delivery will be a blended mix of online and classroom instruction with the appropriate level of hands-on lab experiences. Upon successful completion, the student should have a foundational skill set attractive to employers in the field and the student will earn a career readiness certificate.

Upon successful completion of this certificate, credit may be awarded toward the Industrial Systems Technology Associate in Applied Science Degree.

CID Number	Course	Meets	Times	Dates
22514	Human Resource Development	M-F	9:00 am – 4:00 pm	11/15/10 – 11/19/10
23705	Basic Industrial Electricity	TTH	6:00 pm – 9:00 pm	11/30/10 – 2/10/11
23708	Air Conditioning Systems	MW	6:00 pm – 9:00 pm	11/29/10 – 3/23/11
23709	Welding*	TTH	6:00 pm – 9:00 pm	2/15/11 – 4/21/11
23710	Industrial Hydraulics and Pneumatics	TTH	5:30 pm – 8:00 pm	4/26/11 – 7/21/11
23711	Machine Shop Practices	MW	6:00 pm – 9:00 pm	3/28/11 – 6/22/11
23469	Career Readiness	TWTH F	2:00 pm – 5:00 pm 8:30 am – 11:30 am	7/26/11 – 7/29/11

***Note:** The Welding course meets on the Davie campus and the rest of the courses meet on the Davidson campus.