

SACA CERTIFICATIONS EMBEDDED IN IVY TECH COURSES

SACA CERT. NUMBER	SACA DESCRIPTION	IVY TECH COURSE NUMBER	IVY TECH COURSE NAME
C-101	Certified Industry 4.0 Associate – Basic Operations	SMDI 110	Introduction to IIoT
C-102	Certified Industry 4.0 Associate – Advanced Operations	SMDI 111	Technology in SMDI
C-103	Certified Industry 4.0 Associate – Robot System Operations	ADMF 226	Industrial Robotics III
C-104	Certified Industry 4.0 Associate – IIoT, Networking and Data Analytics	SMDI 279	Smart Manufacturing and Digital Integration Capstone
C-201	Electrical Systems I	INDT 113	Industrial Electrical I
		SMDI 130	Electrical Systems in Manufacturing
C-202	Electric Motor Control Systems I	INDT 103	Motors and Motor Controls
C-203	Variable Frequency Drive Systems I	SMDI 130	Electrical Systems in Manufacturing
C-204	Motor Control Troubleshooting I	NOT USED AT THIS TIME	
C-205	Sensor Logic Systems I	ADMF 205	Sensors in Manufacturing
C-206	Electrical System Installation I	INDT 125	Industrial Wiring Principles
C-207	Programmable Controller Systems I	INDT 205	Programmable Automation Controls I
C-208	PLC Troubleshooting I	INDT 206	Programmable Automation Controls II
C-209	Pneumatic Systems I	INDT 104	Fluid Power I
		SMDI 150	Fluid Power Systems in Manufacturing
C-210	Mechanical Power Systems I	ADMF 112	Mechanical Drives I
		SMDI 140	Mechanical Systems in Manufacturing
C-211	Industry 4.0 TPM	SMDI 225	Big Data Acquisition and Analysis
C-212	Ethernet Communications I	SMDI 271	Projects for Smart Manufacturing and Digital Integration
C-213	Smart Sensor & Identification Systems I	ADMF 205	Sensors in Manufacturing
C-214	Smart Factory Systems I	NOT USED AT THIS TIME	
C-215	Robot Systems Operations I	ADMF 116	Industrial Robotics I
C-216	Robot Systems Integration I	ADMF 226	Industrial Robotics III