

**Start your Mechatronics Basics  
Technical Diploma or I4.0 Smart  
Automation certificate with  
SACA Certifications.**

Work at your own pace to learn Industry 4.0-Advanced Manufacturing skills and best practices.



## SACA Certification

Rice Lake Campus

Course	Prerequisite:	Hours
Electrical Systems 1 - Silver		24
Electrical Systems 1 - Gold Lab portion of Electrical Systems 1	C201 Electrical Systems 1 silver certificate	24
Sensor Logic Systems 1 - Silver	C201 Electrical Systems 1 gold certificate	24
Sensor Logic Systems 1 - Gold Lab portion of Sensor Logic Systems 1	C205 Sensor Logic Systems 1 silver certificate	24
Pneumatic Systems 1 - Silver		16
Pneumatic Systems 1 - Gold Lab portion of Pneumatic Systems 1	C209 Pneumatics Systems 1 silver certificate	16
Hydraulic Systems 1 - Silver		16
Hydraulic Systems 1 - Gold Lab portion of Hydraulic Systems 1	C255 Hydraulic Systems 1 silver certificate	16
Hydraulic Maintenance 1 - Silver	C255 Hydraulic Systems 1 gold certificate	16
Hydraulic Maintenance 1 - Gold Lab portion of Hydraulic Maintenance 1	C256 Hydraulic Maintenance 1 silver certificate	16
Electric Motor Control Systems 1 - Silver	C201 Electrical Systems 1 gold certificate	24
Electric Motor Control Systems 1 - Gold Lab portion of Electrical Motor Control Systems 1	C202 Electrical Motor Control Systems 1 silver certificate	24

## SACA Certification

Rice Lake Campus

Course	Prerequisite:	Hours
Programmable Controller Systems 1 - Silver Introduction to PLCs	C205 Sensor Logic Systems 1 gold certificate	24
Programmable Controller Systems 1 - Silver Programming the PLC	Satisfactory completion of Programming Controller Systems 1 - Silver - Introduction to PLCs	24
Programmable Controller Systems 1 - Gold Introduction to PLCs	C207 Programmable Controller Systems 1 silver certificate	24
Programmable Controller Systems 1 - Gold Programming the PLC	Satisfactory completion of Programming Controller Systems 1 - Gold - Introduction to PLCs	24
Mechanical Power Systems 1 - Silver Introduction and V-Belts	C207 Programmable Controller Systems 1 gold certificate	16
Mechanical Power Systems 1 - Silver Chain Drives and Spur Gears	Satisfactory completion of Mechanical Power Systems 1 - Silver - Introduction and V-Belts	16
Mechanical Power Systems 1 - Gold Introduction and V-Belts	C210 Mechanical Power Systems 1 silver certificate	16
Mechanical Power Systems 1 - Gold Chain Drives and Spur Gears	Satisfactory completion of Mechanical Power Systems 1 - Gold - Introduction and V-Belts	16
Programmable Controller Troubleshooting 1 - Silver *	C207 Programmable Controller Systems 1 gold certificate	24
Programmable Controller Troubleshooting 1 - Gold *	C208 Programmable Controller Troubleshooting 1 silver certificate	24
Smart Factory Systems 1 - Silver *	C208 Programmable Controller Troubleshooting 1 gold certificate	24
Smart Factory Systems 1 - Gold *	C214 Smart Factory Systems 1 silver certificate	24
Fanuc Handling Tool Operation *		16
Fanuc Handling Tool Programming *	Satisfactory completion of Fanuc Handling Tool Operation	16
Fanuc iRVision 2D Operation and Programming *	Fanuc Handling Tool Operation and Programming Certificate	24

\* Part of the I4.0 Smart Automation certificate



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Mechatronic Basics information

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