

Industrial Automation Systems/Kinesiology/Machining

2019-2020 Course Information

*Syllabus for each course applies to all sections unless otherwise specified.

**Spring course syllabi will be available at the beginning of the spring semester

INDUSTRIAL AUTOMATION SYSTEMS

Career and Technical Courses

CETT 1307	Fundamentals of Electronics
EEIR 2366	Practicum – Electrical/Electronic Equipment Installation and Repairer, General
ELMT 2339	Advanced Programmable Logic Controllers
ELMT 2433	Industrial Electronics
ELPT 1355	Electronic Applications
ELPT 1411	Basic Electrical Theory
ELPT 1441	Motor Control
ELPT 1457	Industrial Wiring
ELPT 2339	Electrical Power Distribution
ELPT 2355	Programmable Logic Controllers II
ELPT 2419	Programmable Logic Controllers I
ELPT 2443	Electrical Systems Design
ELPT 2449	Industrial Automation
RBTC 1405	Robotic Fundamentals

KINESIOLOGY

Transfer Courses

KINE 1164	Introduction to Physical Fitness & Wellness
KINE 1301	Foundations of Kinesiology
KINE 1304	Personal/Community Health
KINE 1306	First Aid
KINE 1321	Coaching/Sports/Athletics I
KINE 1338	Concepts of Physical Fitness
KINE 1346	Drug Use and Abuse
KINE 2356	Care & Prevention of Athletic Injuries
PHED 1105	Weight Training and Conditioning
PHED 1106	Physical Conditioning
PHED 1107	Fitness Walking
PHED 1108	Varsity Athletics
PHED 1109	Varsity Athletics
PHED 1112	Aquatic Conditioning
PHED 1120	Spinning

MACHINING

Transfer Courses

MCHN 1302	Print Reading for Machining Trades
MCHN 1320	Precision Tools and Measurement
MCHN 1408	Basic Lathe
MCHN 1413	Basic Milling Operations
MCHN 1426	Introduction to Computer-Aided Manufacturing (CAM)

Industrial Automation Systems/Kinesiology/Machining

MCHN 2366	Practicum – Machine Tool Technology/Machinist
MCHN 2403	Fundamentals of Computer Numerical Controlled (CNC) Machine Controls
MCHN 2433	Advanced Lathe Operations
MCHN 2441	Advanced Machining I
MCHN 2444	Computerized Numerical Control Programming