

Industrial Automation Systems/Kinesiology/Machining

2017-2018 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

INDUTRIAL AUTOMATION SYSTEMS

Career and Technical Courses

CETT 1307	Fundamentals of Electronics
CETT 1402	Electricity Principles
EEIR 2366	Practicum – Electrical/Electronics Equipment Installation and Repairer, General
ELMT 2339	Advanced Programmable Logic Controllers
ELMT 2433	Industrial Electronics
ELMT 2441	Electromechanical Systems
ELPT 1441	Motor Control
ELPT 1457	Industrial Wiring
ELPT 2339	Electrical Power Distribution
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 1304	Personal/Community Health
KINE 1306	First Aid
KINE 1321	Coaching/Sports/Athletics I
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

Career and Technical Courses

MCHN 1320	Precision Tools and Measurement
MCHN 1408	Basic Lathe
MCHN 1413	Basic Milling Operations
MCHN 1426	Introduction to Computer-Aided Manufacturing (CAM)
MCHN 2366	Practicum – Machine Tool Technology/Machinist
MCHN 2403	Fundamentals of Computer Numerical Controlled (CNC) Machine Controls

Industrial Automation Systems/Kinesiology/Machining

MCHN 2433
MCHN 2441
MCHN 2444

Advanced Lathe Operations
Advanced Machining I
Computerized Numerical Control Programming