

# **Industrial Automation Systems/Kinesiology/Machining**

## **2016-2017 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
ELPT 2443	Electrical Systems Design
ELPT 2449	Industrial Automation
RBTC 1405	Robotic Fundamentals

## **KINESIOLOGY**

### Transfer Courses

KINE 1164	Introduction to Physical Fitness & Sport
KINE 1304	Personal/Community Health
KINE 1306	First Aid & Safety
KINE 1321	Coaching/Sports/Athletics
KINE 1346	Drug Use and Abuse
KINE 2156	Taping and Bandaging
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  
Computerized Numerical Control Programming