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