

Industrial Automation Systems/Kinesiology/Machining

2014-2015 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

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|-----------|--|
| 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 1308 | Sports Officiating I |
| 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 1426 | Introduction to Computer-Aided Manufacturing (CAM) |
| MCHN 1438 | Basic Machine Shop I |
| MCHN 1458 | Intermediate Lathe Operations |
| MCHN 2366 | Practicum – Machine Tool Technology/Machinist |

Industrial Automation Systems/Kinesiology/Machining

MCHN 2402

MCHN 2403

MCHN 2433

MCHN 2441

MCHN 2444

Intermediate Milling Operations

Fundamentals of Computer Numerical Controlled (CNC) Machine Controls

Advanced Lathe Operations

Advanced Machining

Computerized Numerical Control Programming