

Industrial Technology

Fall One/Two Spring One/Two		Fall Two Spring Two		Fall One		Fall Two		Spring One		Spring Two			
TR MCHN 1343 Machine Shop Mathematics		TR INMT 1305 Introduction to Industrial Maintenance		TR IEIR 1312 Distribution Systems		TR IEIR 1310 Motor Controls		TR ELMT 1301 Basic Programmable Logic Controllers		TR IEIR 1306 Electric Motors		Fri CAPSTONE ELMT 2341 – Electromechanical Systems or HART 2336 – Air Conditioning Troubleshooting	
MW ETWR 1391 Technical Communication		MW ELPT 1311 Basic Electrical Theory		Fri WLDG 1307 Introduction to Welding Using Multiple Processes									
Technical Core must be completed prior to entry into other technical courses.													
Electromechanical													
		MW MCHN 1332 Bench Work & Layout				MW INMT 2301 Machinery Installation		MW MCHN 2312 Millwright V		MW ELMT 2333 Industrial Electronics		MW ELMT 1305 Basic Fluid Power	
Heating, Air Conditioning, and Refrigeration													
		MW HART 1307 Refrigeration Principles		MW HART 2338 Air Conditioning Installation & Startup		MW WLDG 1372 Layout and Fabrication I		MW HART 2342 Commercial Refrigeration		TR HART 1345 Gas & Electric Heating			
Instrument & Electronics													
		Fall MW EECT 2335 Telecommunications		Spring MW EECT 2335 Telecommunications		MW INTC 1301 Principles of Industrial Measurements I		MW INTC 1343 Application of Industrial Automatic Controls		MW ELMT 2333 Industrial Electronics		MW INTC 2310 Principles of Industrial Measurements II	
Solar													
		Fall MW EECT 2335 Telecommunications		Spring MW EECT 2335 Telecommunications		MW HART 1311 Solar Fundamentals		MW WIND 2359 Wind Power Delivery System		MW ELMT 2333 Industrial Electronics		MW ELMT 1302 Solar Photovoltaic Systems	
Wind													
		Fall MW EECT 2335 Telecommunications		Spring MW EECT 2335 Telecommunications		MW INMT 2301 Machinery Installation		MW WIND 2359 Wind Power Delivery System		MW ELMT 2333 Industrial Electronics		MW ELMT 1305 Basic Fluid Power	
Marketable Skills Certificate				Level One Certificate				Level Two Certificate					