

Program/Department Holdings

Manufacturing and Trade Technology—Industrial Maintenance

Campus: Boone

Instructor(s): Kevin Donohoo

Media Materials

Title	Format
Short Circuit: Understanding Resistors	VHS/Slides
Section A,B,CL Basic Electricity for the Heating Professional	VHS/Slides
Section F-J: Basic Electricity for the Heating Professional	VHS/Slides
Fluid Power Technology: Control Mechanisms	VHS/Slides
Fluid Power Technology: Pump,line, filters	VHS/Slides
Fluid Power Technology: AT work	VHS/Slides
Fluid Power Activators	VHS/Slides
The Physical World of a Machine. Lesson 1	VHS/Slides
Hydraulic Transmission of force and energy Lesson 2	VHS/Slides
Hydraulic Activators Lesson 6	VHS/Slides
Control of Hydraulic Energy Lesson 7	VHS/Slides
Accumulators and Cylinders Lesson 8	VHS/Slides
Flow Control Valves Lesson 10	VHS/Slides
Pressure Control Valves Lesson 11	VHS/Slides
Pilot Operated Pressure Control Valves Lesson 12	VHS/Slides
Hydraulic Motors Lesson 13	VHS/Slides
Hydraulic Motors Lesson 14	VHS/Slides
Reservoirs, Coolers and Filters Lesson 15	VHS/Slides
Troubleshooting Techniques Lesson 1	VHS/Slides
Heat and Leakage Lesson 2	VHS/Slides
Contamination Lesson 3	VHS/Slides
Analyzing Component Faults Lesson 4	VHS/Slides
Applied Troubleshooting Lesson 5	VHS/Slides
Shop Safety Skills	VHS/Slides
The Theory of Hydraulics	VHS/Slides
The How and Why of Hydraulic Components: (Part 1) Troubleshooting Hydraulics; (Part 2) the Language of fluid Power Symbols	VHS/Slides
Fundamentals of Pneumatics, Parts 1,2,3	VHS/Slides
Fluid Power School to accompany Womack Chapter 1-6	VHS/Slides
Broaden Your Horizons	VHS/Slides

Reference Manuals/Textbooks

Title	Author	Edition
Air compressors, conditioning		
Air control valves and air preparation units		
Air controls		
Air logic design		
Alternating current fundamentals	Dugg	
Analyzing hydraulic systems		
Basic electricity-Lab book	Zbar	
Basic hydraulic laboratory manual		
Basic mathematics for electronics		6 th ed.
Basic pneumatics instructor's guides		
Belting and transmission	Martin	
Boss electronics for hydraulics motion control	Johnson	
Circuit analysis	Kosow	
DC/AC circuits: principles and practice	Frenzel	
Design electro hydraulic systems for internal motion control		2 nd ed.
Design engineers handbook		
Electric and Electronics drawing	Beer	
Electric circuits	Ridsdale	2 nd ed.
Electric circuits for engineering technology	Ridsdale	
Electric control of fluid power lab book		
Electricity	Fowler	5 th ed.
Electricity and electronics	Gerrish	
Electricity and electronics technology	Bubon	
Electricity and electronics today	Hoynie	
Electricity and electronics-Lab book		
Electricity electronic fundamentals	Zbar	
Electricity principles and application	Fowler	4 th ed.
Electricity principles and applications	Fowler	3 rd ed.
Electronic principles	Meade	5 th ed.
Electronics workbench reference		3 rd ed.
Encyclopedia of electronic circuits	Sonds	
Essentials of electric circuits	Harter	2 nd ed.
Experiment in basic electricity and electronics	Schuler	
Experiments for electricity and electronics	Ponick	
Experiments in circuit analysis	Baylestad	
Experiments in electric circuit fundamentals	Buchla	2 nd Ed.
Filtration technology		
Fluid flow	MacMillian	3 rd ed.
Fluid power 1		
Fluid power 2		
Fluid power in plant and field	Hedges	
Fluid power with application		5 th ed.
Foundation and electronics circuits and devices	Meade	
Foundation of electronics	Meade	3 rd ed.
Foundation of electronics circuits and devises	Meade	
Foundation of electronics lab book	Meade	2 nd Ed.
Fundamentals of applied physics	Olivo	3 rd ed.
Handbook of electro hydraulic formulae		2 nd ed.
Hydraulic and fluid filters		
Hydraulic component sizing		
Hydraulic equipment: Mechanical equipment series	Cozzolino	
Hydraulic institute standards		
Hydraulic institute; engineering data book		1 st ed.
Hydraulic maintenance technology		

Hydraulics		
Hydraulics fundamentals of services		
Hydraulics pumps and controls		
Hydraulics ten-day module		
Industrial connectors	Aeroquip	
Industrial fluid power Vol.2	Hedges	
Industrial fluid power Vol. 1	Hedges	
Industrial fluid power Vol.3	Hedges	
Industrial hydraulic manual		
Industrial hydraulic technology		
Industrial hydraulic valves		
Industrial hydraulics		3 rd . ed.
Industrial pneumatic technology		
Introduction AC/DC electronics	Cook	2 nd . Ed.
Introduction to circuit analysis	Boylestead	
Introduction to electricity and electronics	Loper	
Introduction to electricity and electronics	Mattershead	2 nd ed.
Introduction to electricity and electronics-Lab Book 2	Mattershead	
Introduction to programmable logic controls Lab manual		
Learning electricity and electronics	Wilson	
M-90 Berg precision mechanical com-ponent		
Manatrol control valves		
Mathematics for electricity and electronics	Batkin	
Mobile hydraulic components		
Mobile hydraulics manual/Sperry Vickers		
NEC1999 National electrical Code		
PIC Catalog #37 Expanded edition		
Pneumatic controls component catalog		
Pneumatic cylinder products		
Pneumatics instrumentation		3 rd . ed.
Pneumatics ten day module		
Power transmission handbook		
Power transmission workbook: Instructors guide		
Practical fluid power control: electrical and fluidic	Hedges	
Principles of electric circuits	Floyd	3 rd . ed.
Problems and exercises for electricity and electronics	Cavell	
Procedures and techniques for rotating shafts		
Programmable air controllers workbook part 2		
Programmable controller circuits	Bertrand	
Technology of fluid power	Reeves	
The Practical student career oriented success	Wahstrom	
Understanding electricity and electronics	Buban	3 rd ed.
Understanding resistors		

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By: Kevin Donohoo

Updates:

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Date: ___ 2/1/11 ___ By: _Kevin Donohoo_

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