



IMPROVE PERFORMANCE. STRENGTHEN COMPLIANCE. REDUCE RISK.

Vector Solutions leverages over 30 years of industrial training experience and a network of more than 200 subject matter experts to provide industrial facilities with engaging course content and technology-based training solutions that help assess and improve employee skills, performance and productivity. We offer over 4,000 cutting-edge training courses that are designed to keep your employees safe, transfer knowledge of fundamentals, and develop industry and job-specific skills that reduce downtime, maintenance costs and more.



Our training portfolio was built on one of the largest libraries of eLearning content in the world from trusted brands that have served the industry for over 25 years (NUS, Williams Learning, Tel-A-Train, PRIMEDIA and CiNet).

Solving Workforce Challenges



Skills Gap

Companies are facing a serious shortage of qualified industrial personnel, driven by a generational shift in the workforce, efficiency pressures, regulatory requirements and new technology. Integrated online training and cross-training can be used for onboarding and apprentice programs and can help ensure safe operation of new equipment, controls or plant additions.

Risk Mitigation

Poor training exposes employees and companies to unplanned events resulting in injury, property loss, lost revenues, lower productivity and litigation. Help your workforce maintain the required level of knowledge to reduce error and downtime, minimize risk and ensure regulatory compliance.



Instructional Design for knowledge transfer and behavior change

Our dedicated team of instructional designers work to create engaging, focused training that helps your employees actively participate to develop job skills, manage technology changes and maintain baseline knowledge and compliance.

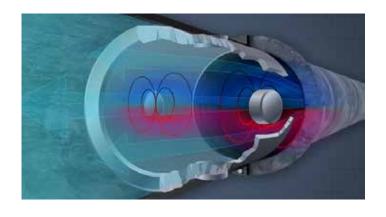
Real-world video and 3D graphics put your students "on location" and improve retention on procedures, troubleshooting and hazardous event management.

Courses Include:

- · Real-world situations
- Interactive approach
- Comprehensive evaluations and progress tracking

Highlights Include:

- Course introduction
- High-resolution 3D models and studio-quality motion graphics
- Stated learning objectives
- Learning Aids Including a main menu with a course outline and glossary of terms
- Interactive Course Modules In-depth content, using any combination of demonstrative examples, integrated video, review activities, practice questions and rolling audio transcription
- Pre and Post Tests/Exams To validate learning and the level of achieved skill knowledge after training
- AICC/SCORM compatible







POPULAR TRAINING TOPICS

Basic Workplace & Soft Skills Health, Safety, Environment

- · Active Shooter Response · Email Basics
- · Equipment And Tools
- · HR Compliance
- · Rigging
- · Sexual Harassment Awareness
- · Substance Abuse Awareness
- · Supervisor & Leadership Skills
- · Train The Trainer
- · Workplace Math

Corrugated Packaging

· Box Plant Basics

Electrical Maintenance

- · Basic Electrical Safety
- Basic Electrical Theory
- · Basic Plant Science Electrical
- · Circuit Breakers
- · Controls Variable Speed Drives
- Diagrams
- · Electric Motors
- · Electrical Components
- · Electrical Equipment
- · Electrical Maintenance Training
- · Electrical Protection
- · Electrical Schematics
- · Electrical Wiring
- Generators
- · Test Equipment

Engineering

- · Engineering Civil
- · Engineering Electrical
- · Engineering Industrial
- · Engineering Mechanical
- · Engineering Petroleum / Chemical

Facilities Management

- · Asset Management
- · BIM For Facility Managers
- · Building Automation
- · Carpentry/Hardware
- Custodial
- · Electrical
- · Emergency Power
- · Energy Management
- · Fire Systems/Sprinklers
- · FM Fundamentals
- · Groundskeeping
- · Healthcare
- · Heating & Cooling
- · HVAC
- · Hydronic Systems
- · Maintenance Management
- Motors
- · Plumbing
- · Preventive Maintenance
- · Property Management
- · Refrigeration
- · Restaurant & Hospitality
- Water Treatment
- · Work Order Management

Health, Safety, Environment

- · Bloodborne Pathogens
- · Confined Space
- Construction
- · Crane / Forklift Training
- · Cranes & Rigging
- · Driver Safety

(Cont)

- · Electrical Safety
- · Emergency / Fire
- · Environment & Hazardous Materials
- Environmental
- · Equipment Safety
- · Ergonomics / Back Safety
- · Fall Protection
- Fire
- · First Aid
- · General Safety
- · General Safety Compliance
- · Hazard Communication
- · HAZWOPER 8-Hour Annual Refresher
- · Health & Illnesses
- · Laboratory Safety
- · Lockout & Energy Control
- · OSHA 10-Hour Construction*
- · Personal Protective Equipment
- · Process Safety Management
- · Safety Management
- · Welding Safety
- · Working At Heights

Industrial Maintenance

- · Computer Basics
- · Electrical
- · Equipment & Tools
- · Heating & Cooling Systems
- · Hydraulics, Pneumatics, Pumps & Valves
- · Maintenance Basics
- · Math & Science Concepts
- · Measurement Methods & Sensors
- · Motors, Drives & Conveyors
- · Principles Of Manufacturing
- · Welding

Instrumentation & Control

- · Basic Instrumentation Diagrams
- Instrumentation
- · Process Controls Continuous Process
- · Process Controls Foundation
- · Process Controls Networks
- · Process Controls PLCs

Laboratory Operations

- Chromatography
- · Lab Technician Math
- · Laboratory Analysis
- · Laboratory Chemistry
- · Laboratory Equipment

· Laboratory Operations

- Mechanical Maintenance
 - · Basic Plant Safety · Basic Plant Science - Mechanical
 - Bearings
 - Compressors
 - Fans
 - · Gears
 - · Heat Exchangers
 - Hvdraulics
 - Lubrication
 - · Mechanical Power
 - · Pipes And Valves · Piping And Auxiliaries Pneumatics

Mechanical Maintenance

(Cont)

- Pumps
- · Refrigeration Systems
- · Seals Shaft Alignment
- Valves
- · Vibration Analysis
- · Welding

Mining Safety (Msha)

- · Emergency Procedures
- · Hazard Recognition & Avoidance
- · Health & Safety Aspects Of Tasks
- · Introduction To The Mine Environment
- · Respirators & First Aid
- · Rights & Reporting

Other Manufacturing

- Converting Nonwovens

Paper

- · Broke Systems
- · Chemical Additives · Dry End Equipment
- Finishing
- Forming · General Papermaking
- Headboxes · Paper Machine Auxiliary Systems
- · Paper Machine Dryers · Paper Properties & Testing
- · Stock Approach
- · Stock Preparation
- · Storage & Shipping
- · Wet Pressing · White Water & Filtrate Systems

Power Generation & Utilities

- · Coal Handling Equipment · Coal Handling - Fundamentals
- · Coal Handling Moving
- · Coal Handling Transport · Combined Cycle
- · Combustion Turbine
- Condensers
- · Environmental Protection
- Furnaces
- · Power Plant Operation
- · Power Plant Protection
- · Water Treatment
- · Air Systems
- · Power Boilers
- · Turbines & Power Generation · Water Systems

Process Operations

- · Basic Electronics
- · Basic Safety · Boolean Algebra
- · Chemistry
- Circuits
- Devices · Diagrams
- Distillation
- · Electronic Test Equipment Electronics
- · Environmental Considerations Numerics
- · On The Job Training

Process Operations (Cont.)

- · Plant Operations
- · Plant Operations Basics
- · Process Equipment And
- · Refining Technologies

- · Troubleshooting

Professional Development

- Communication
- Compliance
- · Computer Skills · Customer Service
- Finance
- · Health & Wellness
- · Human Performance
- · Leadership
- Sales
- Bleaching
- Evaporators
- Recaust

- Reliability
 - · The 5S System · Total Productive Maintenance

- · Broke Systems
- Forming
- Headboxes
- · Stock Preparation
- · Tissue Machine Auxiliary Systems

· Tissue Properties & Testing · Wet Pressing · White Water & Filtrate Systems

- **Transmission & Distribution**

 - Rigging
 - T&D Distribution · T&D Equipment · T&D Maintenance
- **Transportation Safety**
 - · Driver Safety · DOT Compliance Basics
 - · DOT Hazmat

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- Operator Responsibilities

- · Power Suppliers
- Operations
- · Process Sampling
- · Refrigeration Systems
- · Statistical Process Control
- · Storage Tanks

- **Pulping**
 - Environmental
 - · Fiber Supply · Kraft Pulping
 - · Recovery · Supplemental & Recycled Fiber
- (Tpm)
- Tissue

 - · Dry End Equipment
 - · General Tissue Making
 - · Stock Approach
 - · Yankee Dryers
 - · Overhead Line
 - T&D Construction
 - · T&D Safety · T&D Systems And Theory · Underground Line / Cable

VECTOR SOLUTIONS Course Title	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
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2011 NEC Code Change Articles 90-110				Н		Н				\dashv	_		\dashv	•		•	\vdash	\vdash
2011 NEC Code Changes - Chapter 3 & Chapter 4				Н		Н				\dashv			\dashv	•		•	\vdash	
2011 NEC Code Changes - Chapter 5				Н						\dashv	_		\dashv	•		•	├	\vdash
2011 NEC Code Changes - Chapter 6, Chapter 7 & Chapter 8				Н		Н				\dashv	_		\dashv	•		•	⊢	H
2011 NEC Code Changes - Introduction, Chapter 1 & Chapter 2				Н		Н				-	_		\dashv	•		•	⊢	
2011 NEC Code Changes 15-Hour Review				Н		Н				_	\dashv		_	•		•	┢	H
2014 Florida Building Code Advanced 5th Edition: Energy Conservation – Internet 2014 Florida Building Code Advanced 5th Edition: Mechanical Summary of Significant Changes - Internet														•		•		H
2014 Florida Building Code Advanced 5th Edition: Plumbing Summary of Significant Changes - Internet														•		•		П
2015 International Building Code Essentials – Code Administration, Enforcement, and Building Planning														•		•		
2015 International Building Code Essentials – Fire Safety										Ī				•		•		
2015 International Building Code Essentials – Health Safety														•		•		
2015 International Building Code Essentials – Life Safety														•		•		lacksquare
2015 International Building Code Essentials – Structural Safety														•		•		oxdot
2015 International Fire Code Essentials – General Safety Precautions												•		•		•		•
2015 International Fire Code Essentials – Hazardous Materials												•		•		•		•
2015 International Fire Code Essentials – Site and Building Services												•		•		•		$ \cdot $
2015 International Fire Code Essentials – Special Processes and Building Uses												•		•		•		
2015 International Fire Code® Essentials – Fire/Life Safety Systems and Features												•		•		•		•
2015 International Fire Code®: Significant Changes												•		•		•		$ \cdot $
2015 International Plumbing, Mechanical, and Fuel Gas Code: Significant Changes														•		•		Ŀ
2017 NEC Changes: A New Process and Five New Articles														•		•		·
2017 NEC Changes: Appliances and Equipment														•		•		Ŀ
2017 NEC Changes: Branch Circuit, Feeder and Services														•		•		Ŀ
2017 NEC Changes: Communications Systems														•		•		
2017 NEC Changes: Conductors and Wiring Methods														•		•		Ŀ
2017 NEC Changes: Enclosures and Boxes														•		•		Ŀ
2017 NEC Changes: General Requirements														•		•		Ŀ
2017 NEC Changes: Hazardous Locations														•		•		
2017 NEC Changes: Overcurrent Protection and Grounding & Bonding														•		•		Ŀ
2017 NEC Changes: Receptacles and Switches				$oxedsymbol{oxed}$										•		•		oxdot
2017 NEC Changes: Special Equipment				\bigsqcup										•		•		$ \cdot $
2017 NEC Changes: Special Occupancies														•		•		oxdot
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3-way Communication	$oxed{oxed}$			Щ									•			•	$oxed{oxed}$	
5S Methodology	$oxed{oxed}$		•	•		Ш		•									$oxed{oxed}$	\Box
8-Hour HAZWOPER Refresher (No card)												•		•		•		•

VECTOR SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	₫	ت	2	느	Ш	2	느	느	Ф	F	Ш	I	Δ	ĬĬ.	Ö	шО	△	<u>-</u>
A Better Construction Contract													•			•	•	
A Manager's Guide to Performance Appraisals	Н	-		Н	-	Н	\dashv		Н			\dashv	•	_	-	•	H	H
A/E's, Owners, & Contractors: Managing Projects to Success	Н					Н			Н			•				•	├	H
Aboveground Storage Tank Requirements (AST)	•					Н	_	Н	Н	_	_	_		•		•	├	H
Aboveground Storage Tanks, Part 1 Aboveground Storage Tanks, Part 2	•			-		H								•		•	H	
Aboveground Storage Tanks, Part 2 Aboveground Storage Tanks, Part 3	•			•		Н								_				
Absolute Mechanical Basics: Measures, Mass & Motion	Н	_		Н	_	Н	-	Н	Н			_		•	_	•	\vdash	H
AC Fundamentals Review	Н				•	\vdash		•	Н					•		•	\vdash	H
AC Generator Basics	Н				•			•			_			•		•	\vdash	
AC Generator Maintenance	H				•			•	-					•		•	\vdash	H
AC Motor Basics					•	Н	-	•				ㅓ		•		•		\Box
AC Motor Controller Maintenance, Part 1	Н				•			•						•		•	Н	
AC Motor Controller Maintenance, Part 2	Н			Н	•			•						•		•	\vdash	
AC Motor Operation and Types	Н			П		Н		•				\dashv					\vdash	
Access 2013: 01-Working with Databases in Access 2013	Н			Н		Н											\vdash	
Access 2013: 02-Creating, Modifying, and Managing Tables in Access 2013	П																	H
Access 2013: 03-Working with Forms in Access 2013	Н					П												
Access 2013: 04-Working with Queries in Access 2013																		
Access 2013: 05-Sharing and Protecting Your Data in Access 2013	П																Г	
Accessibility by Building Type: Multi-Use Facilities	П													•		•		$ \ \]$
Accessibility by Building Type: Universal Residential Design														•		•		
Accessible Routes: Getting In, Out, and Around	П					П								•		•	Г	\Box
Active Shooter and Other Acts of Targeted Violence												•	•	•		•		T.
Active Shooter Response												•	•			•		
ADA Compliance in Business	П												•			•	•	1
ADA Guidelines 2010: Achievable Barrier Removal and Accessibility														•		•		\Box
ADA Guidelines 2010: Building Blocks														•		•		\Box
ADA Guidelines 2010: Communication Elements and Features														•		•		
ADA Guidelines 2010: General Site and Building Elements														•		•		
ADA Guidelines 2010: Plumbing Elements and Facilities														•		•		lacksquare
Adult Learning													•			•		
Advanced Leadership Bundle																	•	
Advanced Management Skills	oxdot												•			•	•	
Advanced Motors	oxdot														•	•		\square
Advanced Project Management Series	oxdot																•	\square
Advanced Project Management: Advanced Project Risk Management	$oxedsymbol{oxed}$													•		•		
Advanced Project Management: Advanced Project Scheduling	Ш			Ш		Ш]]		•		•		
Advanced Project Management: Converting Strategy Into Action														•		•		•

VECTOR TM SOLUTIONS	Process Operations	b Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	ď	Lab	Σ̈́	Ĕ	Ĕ	ž	ű	ľ	Ъ	Ţ	Ë	Ϋ́	Ā		Ö		ğ	\vdash
Advanced Project Management: Executing Complex Programs	Ш			Ш								_		•		•		-
Advanced Project Management: Integrated Project Delivery	Ш	Ш		Ш							_	_		•		•	Ш	
Advanced Project Management: Managing Project Teams														•		•		
Advanced Project Management: Project Management in a Dynamic Environment	Ш			Ш										•		•		
Advanced Project Management: Project Performance Management	Ш										_			•		•	Ш	Ŀ
Advanced Project Management: Sustainability in Project Management	Щ			Ш										•		•	Ш	
Advanced Project Management: The Power of Project Leadership	Ш			Ш										•		•		
Advanced Project Management: Understanding the Project, Program, and Portfolio Architecture														•		•		·
Advanced Rigging - Transmission & Distribution										•								•
Advanced Rigging, Part 1				•														•
Advanced Rigging, Part 2				•														$oldsymbol{\cap}$
AEC Success: 7 Steps for Using LinkedIn® Effectively													•			•		lacksquare
AEC Success: Business Development and Sales													•	•		•		$\overline{}$
AEC Success: Conflict Resolution in the Workplace													•			•		•
AEC Success: Designing Presentation Visual Aids													•			•		lacksquare
AEC Success: Effective Decision Making													•	•		•		
AEC Success: Five Steps to Effective E-mail Management													•			•		lacksquare
AEC Success: How to Become a Top-Notch Industry Leader													•	•		•		$\overline{}$
AEC Success: How to Communicate and Present Effectively													•	•		•		\Box
AEC Success: How to Create a Focused, Productive and Low Stress Career and Life													•			•		lacksquare
AEC Success: How to Find and/or Become a Mentor													•			•		$\overline{\cdot}$
AEC Success: Improving Organization and Productivity													•			•		•
AEC Success: Networking and Relationship Building												Ī	•	•		•		•
AEC Success: Obtaining the Right Credentials in Your Career													•			•		•
AEC Success: Strategies for a Successful Interview													•			•		•
AEC Success: Time Management and Billable Hours													•	•		•		•
Aerial Work Platform Safety												•				•		П
Agile Certification Training Package												ĺ		•		•	•	•
Agile Project Management: 01 - Agile Series Overview														•		•	•	•
Agile Project Management: 02 - Traditional vs. Agile Project Management												T		•		•	•	T
Agile Project Management: 03 - Agile Manifesto Principles 1 - 6														•		•	•	$\overline{\cdot}$
Agile Project Management: 04 - Agile Manifesto Principles 7-12												T		•		•	•	T
Agile Project Management: 05 - Value Driven Project Management											Ì			•		•	•	1
Agile Project Management: 06 - Setting Vision and Prioritization in Agile Projects	П													•		•	•	T
Agile Project Management: 07 - Scrum and Extreme Programming (XP) Methodologies														•		•	•	
Agile Project Management: 08 - Other Less-Common Agile Methodologies	П	П		П							\dashv	\neg	\exists	•		•	•	1
Agile Project Management: 09 - Planning Agile Projects	П	П		П		\exists					\dashv		\exists	•		•	•	•
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VECTOR* SOLUTIONS	Process Operations	Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	Pro	Lab	Mai	Indu	Elec	Mec	Inst	Indu	Pov	Trar	Elec	Hea	Prof	Faci	Con	Faci	Proj	Ind
Agile Project Management: 11 - Implementing Agile Projects												Ì	T	•		•	•	$\overline{}$
Agile Project Management: 12 - Team Formation and Creating an Agile Environment												Ì	Î	•		•	•	•
Agile Project Management: 13 - Communication in Agile Projects														•		•	•	•
Agile Project Management: 14 - Increasing Agile Stakeholder Engagement														•		•	•	•
Agile Project Management: 15 - Soft Skills and Servant Leadership in Agile Projects														•		•	•	$\overline{}$
Agile Project Management: 16 - Testing and Risk Management in Agile Projects														•		•	•	•
Agile Project Management: 17 - Problem Detection, Metrics, and Resolution in Agile Projects											Î		Ì	•		•	•	
Agile Project Management: 18 - Quality and Earned Value Management in Agile Projects											Î		Ì	•		•	•	
Agile Project Management: 19 - Continuous Improvement for Management and Project Agility														•		•	•	
Agile Project Management: 20 - PMI Code of Conduct in Agile Management														•		•	•	lacksquare
Agile Project Management: PMI Agile Certified Practitioner (PMI-ACP)® Exam Prep														•		•	•	$oldsymbol{\cap}$
Agile Project Management: Test Me-PMI Agile Certified Practitioner (PMI-ACP)® Exam														•		•	•	•
Agile: Adaptive Planning and Design																	•	
Agile: Communication in Projects																	•	
Agile: Continual Improvement																	•	
Agile: Estimation																	•	Ш
Agile: Managing Projects																	•	
Agile: Manifesto Principles 1 - 6																	•	
Agile: Manifesto Principles 7-12																	•	
Agile: Other Agile Methods																	•	
Agile: Planning Agile Projects																	•	
Agile: PMI Agile Certified Practitioner (PMI-ACP)® Exam Prep																	•	
Agile: PMI Code of Conduct																	•	Ш
Agile: Prioritization and Risk Management in Agile Project Management																	•	Ш
Agile: Problem Detection, Metrics, and Resolution																	•	Ш
Agile: Quality and Earned Value Management																	•	Ш
Agile: Scrum and XP Methods																	•	Ш
Agile: Series Overview				Ш									\Box				•	Ш
Agile: Soft Skills and Leadership																	•	Ш
Agile: Stakeholder Engagement																	•	Ш
Agile: Team Formation and Boosting Team Performance																	•	Ш
Agile: Test Me-PMI Agile Certified Practitioner (PMI-ACP)® Exam											[•	Ш
Agile: Traditional vs. Agile Project Management				Ш													•	Ш
Agile: Value Driven Development																	•	Ш
AIA: Your Guide to the American Institute of Architects	Ш			Ш									ļ	·		•		
Air-Purifying Respirators												•				•		

VECTOR SOLUTIONS Course Title	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
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Air-Supplying Respirators Alert Driving	Н	-		Н			\dashv			-	\dashv	•	ᅱ	-		•	H	Н
Aliphatic Chemistry	Н	•		•							\dashv	\dashv	\dashv				H	
Alkylation Operations	-																H	
Alternating Current					•			•			\dashv	\dashv	ᅥ	•		•	H	
American Chemistry Council's Responsible Care Program	Н			Н							\dashv	•	┪			•	H	H
Ammonia Safety	Н			Н			\dashv			\neg		•	\dashv			•	Н	\Box
An Introduction to Fitwel®	Н			Н								_	\dashv	•		•	H	\Box
Análise de perigo do arco elétrico (Arc Flash Hazard Analysis - The Basics)	Н			Н								•		•		•	Н	
Análisis de riesgos por destello de arco (Arc Flash Hazard Analysis - The Basics)	Н										\dashv	•	寸	•		•	H	
Analysis of Boiler Efficiency				H					•				\dashv				H	П
Analysis of Turbine Efficiency				Н					•			寸					Н	H
Analytical Procedures	П	•		•							\dashv		\exists				П	
Anatomy of Construction Defects	П													•		•		T.
Anhydrous Ammonia Awareness	П											•				•	П	П
Anti-Harassment Training for All Employees - California	П												•			•		
Anti-Harassment Training for All Employees - Maine												T	·			•		\Box
Anti-Harassment Training for All Employees - New York City and State	П												•			•		\Box
Anti-Harassment Training for All Employees - Non-State Specific													•			•		
Anti-Harassment Training for Supervisors and Managers - California	П												•			•		\Box
Anti-Harassment Training for Supervisors and Managers - Connecticut													•			•		
Anti-Harassment Training for Supervisors and Managers - New York City and State													•			•		lacksquare
Anti-Harassment Training for Supervisors and Managers - Non-State Specific													•			•		•
Applied Vibration Analysis: Analyzing Bearing Vibrations						•		•										•
Applied Vibration Analysis: Analyzing Fan Vibrations						•		•										$ \cdot $
Applied Vibration Analysis: Analyzing Gear Vibrations						•		•										
Applied Vibration Analysis: Analyzing Motor Vibrations	Ш					·		•										
Applied Vibration Analysis: Analyzing Pump Vibrations	Ш					•		•										
Applied Vibration Analysis: Analyzing Spectral Data	Ш					•		•										
Applied Vibration Analysis: Collecting Spectral Data						•		•					┙				Ш	
Applied Vibration Analysis: Introduction				Щ		•		•									Ш	
Appraising Performance	Ш												•			•	·	
Arc Flash Safety	Ш											•				•	Ш	Ш
Arc Welding Basics	Щ	Щ		Щ				•			ļ		ļ				Ш	
Arc Welding Processes	Щ	Щ		Щ		Щ		•			_		_		Ш		Ш	
"Are You Ready?" Checklist		Ш		igsqcup							ļ		•			•	Ш	
Arithmetic Operations with Binary Numbers and Binary Codes	Щ	Щ		Щ		Щ		•			_	_	_		Щ		Ш	
Aromatic Chemistry	Щ	•		•		Щ					_		_		Щ		\sqcup	
Asbestos Awareness	Ш											•				•	$oxed{oxed}$	Ш

VECTOR SOLUTIONS Course Title	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Asbestos Awareness in General Industry												•	一	•		•		П
Asbestos Management												•		•		•		•
Asbestos: What Is It and Who Should Remove It?				П								•	ヿ	•		•	П	•
Ash Handling									•									•
ASHRAE 100: Energy Efficiency in Existing Buildings														•		•		•
ASHRAE Essentials - 62.1-2016 Ventilation for Acceptable Indoor Air Quality						•		•						•		•		•
ASHRAE Essentials: 55-2017 – Thermal Environmental Conditions for Human Occupancy						•		•						•		•		
ASHRAE Essentials: 90.1-2016 - Energy Standard for Buildings Except Low-Rise Residential Buildings						•		•						•		•		
ASHRAE Guideline 13-2014, Building Automation Systems														•		•		·
Assessing Occupational Exposure												•				•		·
Asset Condition Management: Alignment and Balancing Training			٠	•		•		•						•		•		•
Asset Condition Management: Motor Testing			•	•		•		•						•		•		•
Asset Condition Management: Setting Up an Oil Analysis Program			٠	•		٠		•						•		•		·
Asset Condition Management: Vibration Analysis Training			•	•		•		•						•		•		•
Atomic Absorption		•		•														•
Automotive Turn Signal & Hazard Flashers - Federal Requirements												•				•		•
Auxiliary Equipment									•									•
Auxiliary Vessels	•			•														•
Azeotropic, Extractive, and Vacuum Columns	•	•		•														•
Back Injury Prevention												•				•		
Back Safety (BBBSA00CEN)												•		•		•		·
Back Safety: Protection and Treatment Basics												•				•		•
Backing Up Safely												•				•		Ш
Barcodes								•										•
Barge Unloading									•									•
Basic Blueprint Reading & Related Math														•		•		·
Basic Chemical Plant Operations	•			•														·
Basic Construction Math														•		•		·
Basic Control Circuits					٠			•						•		•		·
Basic Conveyor Maintenance - Additional Equipment								•										·
Basic Conveyor Maintenance - Belts and Chains								•										•
Basic Electrical Maintenance															•	•	\square	Ш
Basic Electrical Safety				Щ								•		•		•	$oxed{oxed}$	·
Basic Electrical Theory		Ш		Ш											•	•	$oxed{oxed}$	Ш
Basic Electrical Troubleshooting				Ш											•	•	$oxed{oxed}$	Ш
Basic Electricity II		Ш		Ш		Ш	Ш		Ш					•		•	\sqcup	
Basic Electricity Review				Щ	•			•						•		•	Ш	
Basic Electronics, Part 1											•							•

VECTOR SOLUTIONS Course Title	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Basic Electronics, Part 2	П										•							1
Basic Emergency Power Systems															•	•		П
Basic Lab Operations		•		•													П	1
Basic Lubrication						•		•						•		•		•
Basic Machines and Motion								•										•
Basic Oscillator Circuits											•							1
Basic Rectifiers and DC Power Supplies								•										•
Basic Refinery Operations	•			•														$\overline{}$
Basic Rigging, Part 1				•										•		•		T
Basic Rigging, Part 2				•										•		•		$\overline{\cdot}$
Basics of Leadership Bundle																	•	П
Basics of Leadership: 01-Leadership Challenges													•			•	•	$\overline{}$
Basics of Leadership: 02-Changes in Corporate Culture													•			•	•	lacksquare
Basics of Leadership: 03-Keeping Employees Energized													•			•	•	•
Basics of Leadership: 04-Knowledge Management													•			•	•	•
Basics of Leadership: 05-Elements of Change in Business													•			•	•	•
Basics of Leadership: 06-Leadership Dynamics													•			•	•	·
Batteries					•			•						•		•		·
Battery Applications														•		•		·
Battery Cell Construction, Maintenance, Specifications, and Types								•										•
Battery Types and Charging Theory								•										Ŀ
Bearings Basics						•		•						•		•		Ŀ
Behavior-Based Safety												•				•		Ш
Belt Drive Adjustment								•										·
Belt Drive Basics								•										·
Benzene: Safe Handling & Storage												•				•		·
Better Business Writing													•			•	•	Ŀ
BIM Essentials														•		•		
Bioremediation Tactics	Ш											•				•	igsqcup	Щ
Bistable Devices	Ш			Ш							•						$oxed{oxed}$	
Blending Operations	•			·														<u> </u>
Blocking and Cribbing for Heavy Equipment	Щ	Щ		Щ			Ш		Щ			•				•	igspace	Щ
Bloodborne Pathogens	Щ			Щ					Щ			•		•		•	lacksquare	
Bloodborne Pathogens for Hospitality	Щ	Щ		Щ	Щ		Щ		Щ			•			Щ	•	$ldsymbol{oxed}$	Щ
Bloodborne Pathogens for Schools	Щ			Щ					Щ			•				•	$ldsymbol{oxed}$	Ш
Bloqueo/etiquetado (Lockout/Tagout)	Щ	Щ		Щ	Щ		Щ		Щ			•		•	Щ	•	$ldsymbol{oxed}$	
Blueprint Basics	Ц	Щ		·	Щ	Щ	•	•	Щ			Щ			Щ		$oxed{oxed}$	
Boiler Efficiency 1: Air Heaters and Preheaters	Щ			Щ					·								lacksquare	
Boiler Efficiency 2: Oil and Gas Fired Furnaces	ı								•									•

VECTOR SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	Pro	Lab	Mai	Ind	Elec	Мес	Inst	Ind	Pov	Trar	Elec	Неа	Pro	Fac	Con	Faci	Proj	Ind
Boiler Efficiency 2: Windboxes, Burners, and the Furnace									•									•
Boiler Efficiency 3: Superheaters, Reheaters, and the Economizer									٠								L	<u> • </u>
Boiler Fundamentals									•					•		•		•
Boiler Instruments and Controls									•					•		•	L	•
Boiler Technology									•					•		•	L	•
Boilers: Basic Principles and Types									•					•		•	L	<u> • </u>
Boilers: Combustion, Water, and Steam	Ш								·					•		•	$oxed{oxed}$	·
Bollard Boot Camp - How to Protect Places and People From Vehicle Incursions														•		•	L	•
Boolean Algebra, Part 1											٠						L	•
Boolean Algebra, Part 2											٠							•
Boolean Algebra, Part 3											•							•
Brayton Cycle Analysis														•		•		•
Browser Security Basics													•	•		•		•
Bucket Trucks, Part 1										•								•
Bucket Trucks, Part 2										•								$oldsymbol{\cdot}$
Building Automation Systems (BAS) Architecture															•	•		\Box
Building Automation Systems (BAS) Operations															•	•		П
Building Design and Construction Features for Fire Protection														•		•		•
Building for Senior Living: Mechanical, Plumbing, Fire-Protection, Electrical, Communications, and Low-Voltage																		·
Building Information Modeling (BIM) - An Introduction														•		•		<u> • </u>
Building Information Modeling (BIM) - Tools														•		•		•
Building Information Modeling (BIM) for Contractors														•		•		•
Building Information Modeling (BIM) for Owners and Facility Managers														•		•		•
Building Pathology: Utilities, Environmental & Protection Systems														•		•		•
Building Performance: Design Through Operations														•		•		<u> • </u>
Bulldozers									•									•
Buses and Storage								•									L	<u> • </u>
Business Communication Fundamentals													•			•	•	•
Business Disputes: Alternative Resolutions to Litigation													٠			•	•	
Business Ethics													•			•		•
Business Ethics: Quick Refresh										$ _ $			•			•	Ĺ	•
Business Execution: 01-Execution Strategies	$oxed{\Box}$									$_ extstyle e$			•			•	٠	•
Business Execution: 02-Inspiring Workplace Excellence										$ _ $			•			•	٠	•
Business Execution: 03-Turning Ideas into Actions										\Box			•			•	٠	•
Cable Fault Locating, Part 1 (Radar)										•								•
Cable Fault Locating, Part 2 (Radar)										•								•
Cable Fault Location, Part 1										•								•
Cable Fault Location, Part 2										•								•

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Cable Splicing, Part 1	\vdash			\vdash					$\overline{}$	•		\exists	\exists	_	Ť			-
Cable Splicing, Part 2										•	\dashv	\dashv	寸					
Cable Terminations	Н									•								
Capacitor Applications	П			П										•		•		
Capacitors, Part 1	П			П	•			•			一		寸	•		•		1
Capacitors, Part 2	П			П	•			•						•		•		•
Car Dumpers									•									
Carbon Tracking/Reduction Strategies for Facility Design and Operations	П			П										•		•		•
Care and Testing of Tools and Equipment										•								•
Carpentry Basics															•	•		
Carpentry Basics: Drywall Repair	П														•	•		
Carpentry Basics: Painting															•	•		
Carpentry Basics: Tools and PPE															•	•		
Carpentry Safety															•	•		
Cell Phone Use in the Workplace												•	•			•		•
Centerlining Methodology			•	•				•										•
Centrifugal Compressors						•		•						•		•		
Centrifugal Pumps								•						•		•		•
Centrifugal Pumps - Components, Operation and Energy Conversion														•		•		•
Centrifugal Pumps Basics, Part 1						•		•						•		•		•
Centrifugal Pumps Basics, Part 2						•		•						•		•		·
Centrifuge Operations	•			•														Ŀ
cGMP Essentials: Change Control		•		•				•										
cGMP Essentials: Data Integrity	Ш			Ш				•										
cGMP Essentials: Deviation and CAPA	Ш							•										
cGMP Essentials: Good Personal Hygiene	Щ	Щ		Щ				•										
cGMP Essentials: Intro to cGMP	Ш			Ш				•										
Chain Drive Basics	Ш			Ш				•										
Change Management	Щ												•			•		
Chemical Unloading Basics	Ш			Ш								•	_			•		
Chemistry: Basic Principles, Part 1	•			•														
Chemistry: Basic Principles, Part 2	•			•							_	_	_					
Chemistry: Material Balancing	•	Щ		•	Щ				Щ	_	_	_	_					
Chemistry: Reaction Rates	•	Щ		•			\Box		Ш	_	_	_	_					
Chlorine Dioxide Awareness	Н			igspace							_	•	_			•		Щ
Circuit Analysis (AC): Average & Effective Value	igdash									_	_	_	_	•		•		
Circuit Analysis (AC): Dependent Sources	H	Щ		igdash					Щ		4	_	4	•		•	_	•
Circuit Analysis (AC): RLC Circuit Response	Н										_			•		•		
Circuit Analysis (AC): Series & Parallel Circuits		Ш		Ш					Ш					•		•		•

VECTOR* SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	ā	La	Σ	드	╗	Σ	드	드	ď	Ė	Ш	Ĭ	۵	_	Ŭ	ıï ŏ	ď	\boldsymbol{H}
Circuit Analysis (AC): Series & Parallel Networks	Н						_			\dashv	\dashv	_	\dashv	•		•	$\vdash\vdash$	•
Circuit Analysis (AC): Sinusoidal General Format & Phase Relationships	Н			-							_	_	-	•		•	$\vdash\vdash$	
Circuit Analysis (AC): Sinusoidal Generation and Definitions	Н			Н										•		÷	$\vdash\vdash$	
Circuit Analysis (AC): Thevenin's Theorem		Н			_		_			\dashv	\dashv	_	\dashv	•		•	$\vdash\vdash$	
Circuit Analysis (DC Conventional): Current & Voltage in Parallel Circuits	Н	-		Н	_		-	\dashv		\dashv	\dashv	\dashv	\dashv	•	_	•	$\vdash\vdash$	
Circuit Analysis (DC Conventional): Current & Voltage in Series Circuits		Н								-	\dashv		\dashv	•		•	$\vdash\vdash$	•
Circuit Analysis (DC Conventional): Current, Voltage, & Resistance	Н			Н							_			•		•	$\vdash\vdash$	
Circuit Analysis (DC Conventional): Ohm's Law & Power	Н			Н										•		•		H
Circuit Analysis (DC Conventional): Series - Parallel Networks Circuit Analysis (DC Conventional): Series & Parallel Resistors	Н						_				ᅱ	\dashv	\dashv	•		•		H
Circuit Analysis (DC Conventional). Series & Parallel Resistors Circuit Analysis (DC Electron Flow): Current & Voltage in Parallel Circuits	Н			Н						\dashv	\dashv		\dashv	•		•	H	H
Circuit Analysis (DC Electron Flow): Current, Voltage, & Resistance										\dashv				•		•	Н	
Circuit Analysis (DC Electron Flow): Current, voltage, a Resistance	Н			Н							\dashv	_	\dashv	•		•	H	
Circuit Analysis (DC Electron Flow): Series - Parallel Networks	Н												\dashv	•		•	H	\Box
Circuit Analysis (DC Electron Flow): Series & Parallel Resistors										\dashv			\dashv	•		•	H	
Circuit and Switch Basics	Н			Н				•									H	
Circuits and Power								•			\dashv	\dashv	\dashv					H
Clamps, Blades, Saws, and Bits	П			П				•		\dashv							H	П
Clases de incendios y extintores (Classes of Fires and Extinguishers)	П			П								•		•		•	Н	H
Clean Water Act Section 404 Permits	П											•				•	П	П
Clear Communication	П												•			•		
Climbing Steel Poles and Towers										•								H
Climbing Wooden Poles	П									•							П	\Box
Clutch Basics	П							•										П
Coaching with Confidence	П												•			•	•	
Coaching with Confidence Bundle																	•	
Coal Handling Overview, Part 1									•									
Coal Handling Overview, Part 2									•									
Coal Handling Overview, Part 3									•									lacksquare
Coal Pile Management									•									lacksquare
Coal Preparation Equipment									•									$oldsymbol{\cdot}$
Coal Yard Maintenance									•									lacksquare
Coastal Engineering: Tsunamis	\Box													•		•		
Cogeneration Systems Essentials														•		•		
Cold Stress	Ш											•				•	$oxedsymbol{oxed}$	\square
Combined Cycle: Abnormal Operations									•		[]	[$oxed{oxed}$	
Combined Cycle: Distributed Control Systems	Ш	Ш		Ш					٠]]				oxdot	
Combined Cycle: Heat Recovery Steam Generators	Ш								٠								Ш	
Combined Cycle: Normal Operations				Ш					•									•

VECTOR TO SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Combustible Dust - Things That Go Boom	\vdash	_	_	\vdash	_	_		_		┪		•	_		Ť	•	\vdash	-
Combustible Dusts	Н											•	\dashv			•	Н	П
Combustion Analysis	Н						\Box					\dashv	\dashv	•		•	Н	
Combustion Turbine: Abnormal Operations									•				寸					
Combustion Turbine: Components	Н			Н					•				\dashv		一		П	
Combustion Turbine: Normal Operations	Н			П			Н		•			\dashv	寸				П	
Combustion Turbine: Principles	П						\Box		•			\dashv	_				П	
Combustion Turbine: Support Systems, Part 1	П	П		П			П		•			\dashv	寸				П	•
Combustion Turbine: Support Systems, Part 2									•				1				П	•
Commercial Application Electric Transformers													寸		一		П	1
Commercial Application Transformers	П			П											一		П	T.
Commercial Electrical Systems Essentials				П										•	一	•	П	•
Commercial Explosives Safety												•				•	П	
Commercial HVAC Building Envelope														•		•	П	•
Commercial HVAC Systems Essentials													Ì	•	T	•	П	\Box
Commercial Plumbing Systems Essentials														•		•		•
Commercial Structural and Building Systems Essentials														•		•		
Common Indoor Air Quality (IAQ) Measurements														•		•		
Common Myths of Wastewater Design and Operations	•			•										•		•		
Communication Skills for Supervisors													•			•		
Compressed Air Energy Efficiency														•		•		•
Compressed Air Fundamentals								•										
Compressed Air Systems: Introduction to Performance Improvement														٠		•		•
Compressed Gas Cylinder Safety												•				•	\bigsqcup	
Compressible Flow Components Analysis														٠		•	Ш	
Compressors and Pneumatic Tools				•		•		•		•							Ш	
Compressors: Centrifugal and Axial	Ш					•		•						·		•	Ш	
Compressors: Introduction	Ш			Ш		•	Щ	•						•		•	Ш	
Compressors: Operation of Centrifugal and Axial Types	Ш					•	Щ	•				\Box	_	•		•	Ш	
Compressors: Positive Displacement	Ш					•	Щ	•						•		•	Ш	
CompTIA A+ Certification Training (52 Hours)	Ш												_				Ш	
CompTIA Network+ Certification Training	Ш			Ш									_		_		Ш	
CompTIA Network+ Certification Training (24 Hours)	Щ			Щ								\square	_ļ					
CompTIA Security+ Certification Training (39 Hours)	Щ	Щ		Щ			Щ					\Box	_		_			
Comunicación de riesgos (Hazard Communication)	Щ			Щ			Щ			_		•	_	•	_	•		
Condensate Recovery and Steam Traps	Щ	Щ		Щ		•	Щ	•				\Box	_	•	_	•		
Condenser Efficiency	Щ			Щ			Щ		•			\Box	_		_		Ш	
Conductors	Н				•		Щ	•				\square	_	•		•	Ш	
Confined Space Entry - Permit Required				Ш								•				•	Ш	Ш

VECTOR TM SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	ď	La	Σ	Ĕ	Ek	ž	Ë	ŭ	Ъ	Trg	Ä	\dashv	Ā	Fa	Ö		Ā	Ĕ
Confined Space Entry Awareness	\vdash						_			_	\dashv	•	4	_		•	_	\sqcup
Confined Spaces in Construction	Н			Ш	_		_				\dashv	-	\dashv	•	_	•	_	-
Conflict Management	Н	Ш							Ш		_	\dashv	•			•	_	•
Conflicting and Non-Existent Accessibility Standards	Н										_	_	_			•	<u> </u>	•
Construction of AC and DC Circuits	Н				•			•			\dashv	\dashv	\dashv	•		•	-	•
Construction Project Documentation: Navigating Pitfalls Construction Project Management: Construction Practices and Systematic Project Management														•		•	•	•
Construction Project Management: Managing Time	Н	Н							-			ᅥ	\dashv				•	┪.
Construction Project Management: Production Planning	H			Н				Н	Н		\dashv	┪	\dashv	_			•	1.
Construction Project Management: Project Coordination	Н	Н		Н		\neg			\neg			ᅥ					•	┪.
Construction Project Management: Project Cost System	Н										\dashv	\dashv	\dashv				•	1.
Construction Project Management: Project Estimating	Н											\dashv	\dashv				•	1.
Construction Project Management: Project Financial Management	Н	Н							-			ᅥ	\dashv				•	┪.
Construction Project Management: Project Planning	Н	Н		Н					Н			\dashv	\dashv				•	1.
Construction Project Management: Project Scheduling Applications	H	Н		Н			\dashv			\dashv		\dashv	ᅥ				•	┪.
Construction Project Management: Project Scheduling Concepts	\vdash										\dashv	_	\dashv				•	1.
Construction Project Management: Resource Management	H										\dashv	\dashv	┪				•	1.
Construction Site Stormwater Runoff Control	\vdash										ㅓ	-	ᅥ			•	\vdash	Н
Contactors and Relays	H				•			•	Н		\dashv	\dashv	┪	$\overline{\cdot}$		•	H	┪.
Continuous Process: Field Devices: Analog Configuration	\vdash						•	•		\dashv	\dashv	\dashv	ᅥ	_				┪.
Continuous Process: Field Devices: Analytical	Н	Н		Н		\vdash	•	•	Н		\dashv	\dashv	\dashv					┪.
Continuous Process: Field Devices: Configuring with a Laptop PC							•	•			\dashv		-					1.
Continuous Process: Field Devices: Digital Configuration with a DCS	\vdash					\vdash	•	•			\dashv	_	\dashv					١.
Continuous Process: Field Devices: Level and Flow	Н	Н		Н		\vdash	•	•	Н	\dashv	_	\dashv	\dashv					┪.
Continuous Process: Field Devices: Pressure, Temperature, and Weight							•	•			\dashv		-					1.
Continuous Process: Field Devices: Using Field Communicators	Н			Н			•	•			\dashv	\dashv	\dashv				┢	1.
Continuous Process: Multiple Loop Control	H						•	•			\dashv	\dashv	┪	_				1.
Continuous Process: Pneumatic Controls	Н						•	•				ᅥ	\dashv				\vdash	1.
Continuous Process: Principles	Н	Н		Н		-	•	•		\dashv		\dashv	\dashv				t	┪.
Continuous Process: Single Loop Control	Н						•	•				_	寸					1.
Continuous Process: Smart Controllers	Н						•	•			\dashv	\dashv	\dashv					1.
Continuous Process: Troubleshooting DCS I/Os: Procedures	Н	Н		Н			•	•	Н			\dashv	+					1.
Continuous Process: Troubleshooting Loops	Н	Н		Н			•	•	Н			\dashv	\dashv				\vdash	1.
Continuous Process: Troubles rooting Loops Continuous Process: Tuning Loops	Н	Н		Н		Н	•	•	Н		\dashv	\dashv	\dashv				\vdash	1.
Control Equipment	Н								•			\dashv	\dashv				\vdash	1.
ControlLogix®: Basic Programming	Н	Н		Н		Н	•	•	Н		\neg	寸	\dashv				\vdash	1.
ControlLogix®: Communications and Advanced Programming	Н	H		H			•	•	\Box		\dashv	\dashv	\dashv					1.
	\bot	\vdash		$\vdash\vdash$	\blacksquare	\vdash	-	$\vdash\vdash$	$\vdash\vdash$			\rightarrow	_	_	\Box		₩	\dashv

VECTOR TM SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	Δ	La	Σ	드	Ш	Σ	-		ď	ř	ш	Ĭ	Ā	Ę	ŏ	<u>R</u> 0	Δ	Н
ControlLogix®: Introduction to Basic System, Software & Hardware Components	-			Н			•	•		\dashv	_						 -	•
ControlLogix®: The Project Structure				Н			-				_						<u> </u>	•
ControlLogix®: Troubleshooting							•	•										•
Converters	_			Ш			Ш				•	_					<u> </u>	•
Conveyor Belt Replacement	\vdash	Н		Н		Н	Щ	•			_	_					—	•
Conveyor Safety	_	Щ		Н		Щ	Щ				_	•			Щ	•	\vdash	\sqcup
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Cooling Basics	_			Щ								_			•	•	<u> </u>	Щ
Cooling System Maintenance				Ш											•	•	igspace	Ш
Cooling Theory				Ш											•	•	igsqcup	Ш
Cooling: Hot & Cold Call Basics				Ш											•	•	igspace	Ш
Core: Principles of Calibration				Ш			•	•									igspace	·
Corrosion Control: Transportation of Natural and Other Gases by Pipeline				Щ								•				•	igsqcup	•
Cost Estimating: Fundamentals				Ш														·
Costs and Benefits of Natural Hazard Mitigation				Ш														•
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Co-worker Coaching													•			•		•
CPM Scheduling														•		•		·
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CPM Scheduling Part II														•		•		•
CPR Academic												•	•			•		•
Crane and Hoist Rigging Safety												•				•		
Crane Hand Signals												•				•		
Crane Safety												•				•		•
Critical Facilities - Emergency Electric Power														•		•		$oldsymbol{\cdot}$
Crude Distillation Operations	•			•														$\overline{}$
Crystalline Silica Awareness												•				•		
Crystalline Silica: Understanding the Hazards												•				•		•
Current Good Manufacturing Practices	•			•														•
Current, Voltage, and Resistance								•										•
Cyber Security Certifications Training Package: Security+, CCNA Security, Ethical Hacker (55 Hours)																		
Cybersecurity Overview				П									•	•		•	П	•
Cycle Efficiency				П					•									•
Dangers of Distracted Driving				П								•				•	П	П
Data Centers: Operations & Maintenance, Upgrades, and Expansions		П		П			П							•		•	П	•
Data Centers: Trends, Technologies, and Efficiencies				П			П							•		•	П	•
Databases, Spreadsheets, and Word Processing	T			П		П	П	•				\dashv						•

VECTOR SOLUTIONS Course Title	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
DC Fundamentals Review		_	_	\vdash	•	_	_	•	_	H		_	_	•		•	\vdash	•
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DC Motor Basics	Н			Н	•	П		•			\dashv		\dashv	•		•	H	-
DC Motor Controller Maintenance, Part 1					•			•					\dashv	•		•		•
DC Motor Controller Maintenance, Part 2	П			Н	•			•				一		•		•	Н	•
DC Motor Maintenance	Н			Н	•			•				\dashv		•		•	Н	1
DC Motor Operation	П			Н				•									Н	•
DC Motor Types	Н			П		П		•			\dashv	\dashv	\dashv				П	•
DC Power in the Data Center														•		•		•
Decision Making												i	•			•		•
Delivery Truck Maintenance	П			П								•				•	П	П
Design of Utility Infrastructure				П								一		•		•	П	•
Designing and Specifying Pervious Concrete														•		•	П	•
Designing Foundation Repairs														•		•		•
Designing PEX Plumbing Systems to Optimize Performance and Efficiency														•		•		•
Developing & Managing a Project Budget												Ì	•	•		•		$\overline{}$
Developing an Employee Safety Training Program												•		•		•		$\overline{}$
Developing an Office Safety Mindset												•				•		lacksquare
Developing and Implementing an EPA RMP												•		•		•		•
Diagnosing and Mitigating IAQ Problems														•		•		lacksquare
Diagnosing and Mitigating IAQ Problems Part I														•		•		•
Diagnosing and Mitigating IAQ Problems Part II														•		•		•
Diagrams: Blueprints	•			•										•		•		•
Diagrams: Industrial Process Systems							٠	•										•
Diagrams: Piping and Instrumentation							٠	•									Ш	·
Digital Counters											·						Ш	<u> </u>
Digital Logic	Ш										•						Ш	
Digital Multimeters and Troubleshooting								•					_				Ш	
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Direct and Alternating Current	Ш				•			•						•		•	Ш	
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Distillation: Basic Principles	•	•		•			Щ				_		_				Ш	•
Distillation: Basic System Components and Operation	Щ	Щ		Щ		Щ	Щ				_	_	_				Ш	•
Distillation: Control Systems	•	•		•							_		_	•		•	Ш	
Distillation: Operating Problems	•	•		•							_		_				Ш	•
Distillation: System Startup and Shutdown	•	•		•													Ш	•

VECTOR SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
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Distillation: Towers, Reboilers, and Condensers		_		<u>`</u>			•	•										
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DOT Hazmat - General Awareness	İΠ											•				•		П
DOT Hazmat - Highway Carrier Loading and Unloading Requirements	П											•				•		
DOT Hazmat - Highway Carrier Segregation Requirements												•				•		
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DOT Hazmat - Marking	П											•				•		
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DOT Hazmat - Shipping Papers												•				•		
DOT HAZMAT Safety												•				•		
DOT Hours of Service Compliance												•				•		
DOT Reasonable Suspicion Supervisor Training - Alcohol	Ш											٠				•		Ш
DOT Reasonable Suspicion Supervisor Training - Drugs	Ш											•				•		Ш
DOT Roadside Inspections	Ш											•				•		Ш
Drinking Water Quality - Critical Parameters				Щ										•		•		
Drinking Water Quality - Monitoring & Security				Ш			Щ							•		•		
Drinking Water Quality - Water Treatment Technology	Щ			Щ			Щ				ļ		ļ	•		•		
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Electric Motors & Generators: Basic Magnetics	Н													•		•	⊢	
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VECTOR TM SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
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Equipment Drive Components: Gear, Belt, and Chain Drives		Щ				•		•				ļ	ļ	•		•	Ш	Ŀ
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Equipment Maintenance and Reliability			•	•				•										<u> • </u>
Equipo de protección personal (Personal Protective Equipment)												•		•		•		<u> • </u>
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Ergonomics Economics												•				•		Ŀ
Ergonomics for Industrial Environments												•				•		
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Escape Respirators and SCSRs												•				•		
ESD Precautions					•			•						•		•		 •
Essential Lighting: The Language, Metrics & Process of Lighting Design														•		•		 •
Essentials of I-9 Compliance													•			•		·
Essentials of Industrial Wastewater Treatment														•		•		•
Essentials of Lean Manufacturing			•	•				•						•		•		•
Essentials of Six Sigma			•	•				•						•		•		$ \cdot $
Ethical Hacker Training (43 Hours)																		
Ethics for Professionals													•			•		•
Ethylene Oxide Safety												•				•		•
Etiquetas y señales de advertencia (Warning Signs and Labels)												•		•		•		
Evaporation Unit Operations	•																	•
Excavation Safety and Shoring/OSHA												•				•	П	•
Excel: Proposal Preparation & Analysis for Engineers and Architects													•			•		•
Existing Building Commissioning: Implementing Retrocommissioning on Your		Г		П						\neg		ヿ	\neg	•		•		1.

VECTOR SOLUTIONS Course Title	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Exit Routes, Emergency Action Plans & Fire Prevention Plans												•		•		•		•
Explosive and Flammable Chemicals												•		•		•		·
Eye and Face Protection												•				•		•
Facilitating Meetings and Groups													•			•	•	•
Facility Asset Management														•		•		•
Facility Maintenance Management														•		•		•
Facility Management Essentials														•		•		·
Fall Prevention and Protection - General Industry												•				•		
False Alarm Prevention														•		•		
Fans						•		•						•		•		
Fastener Basics								•										•
Feedwater Heater Efficiency									•									
Filter Circuits											•							lacksquare
Filtration and Air Cleaning														•		•		•
Filtration and Screening Unit Operations	•			•														•
Finance & Accounting for the Non-Financial Manager													•	•		•	•	·
Financial Management 1: Negotiating Contracts													•	•		•	•	•
Financial Management 2 & 3: Pricing for Profits, Generating Cash and Getting Paid													٠	•		•	•	·
Financial Management 4: Accounting & Cash													٠	•		•	•	•
Financial Management 5: Strategic Planning & Budgeting													•	•		•	•	$ \cdot $
Financial Management 6 & 7: Financial Controls, Monitoring & Project Budgeting													•	•		•	•	•
Financial Management 8: Controlling Labor Costs													•			•	•	·
Financial Management 9: Purchasing													•			•	•	•
Financial Management Bundle																	•	
Fire Alarm Essentials												•		•		•		•
Fire and Smoke Dampers Simplified												•		•		•		•
Fire Essentials and Fire Science														•		•		·
Fire Extinguisher Safety												•				•		Ш
Fire Safety												•				•		Ш
Fire Safety (BBFSA00CEN)												•		•		•		
Fire Systems and Sprinkler Basics															•	•		Ш
Fire Systems: Fire Alarm Control Panel				Ш											٠	•		Ш
Fire Systems: Fire Extinguishers	Щ	Ш		Щ											•	•		Ш
Fire Systems: Life Safety Testing	\bigsqcup	Ш		Щ											•	•		Щ
Fire Systems: Wet & Dry Sprinkler Systems	Щ	Ш		Щ											•	•		Ш
Fire Water Systems – Storage, Pumping & Distribution				\bigsqcup										•		•		
Fire! Designing Means of Escape	Щ	Ш		Щ								•				•	$oxed{oxed}$	
First Aid - Alcohol and Drug Overdose	Щ			Щ								•				•		Ш
First Aid - Animal and Human Bites and Scratches												•				•		

VECTOR* SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	ď	۳	Σ	드	Ш	Σ	드	드	ď	Ė	Ш	-	ď	Ĕ	Ŭ		ď	드
First Aid - Automated External Defibrillator (AED)										_		•				•		
First Aid - Bleeding Emergencies	Н	Н		Н		Ш					_	•				•	<u> </u>	Н
First Aid - Breathing Emergencies	Н	\dashv		Н		Н		-		\dashv	\dashv	•				•	H	Н
First Aid - Broken Bones and Dislocations	Н			Ш			_			\dashv	\dashv	\dashv				•		Н
First Aid - Burns	Н	Щ		Н		Н	_			\dashv	\dashv	-				•	\vdash	Н
First Aid - Cardiopulmonary Resuscitation (CPR)	Н	Н		$\vdash \vdash$		Щ	\dashv		_	_	4	•	_		_	•	\vdash	Н
First Aid - Dehydration	Н	Н		Н	Щ	Н	\dashv		-	\dashv	\dashv	•		_		•	\vdash	Н
First Aid - Diabetic Emergencies	Н	\dashv		Н		Н		-		\dashv	\dashv	$\frac{\cdot}{\cdot}$				•	H	Н
First Aid - Eye Injuries	Н	-		Н						_	_	\dashv			_	•	<u> </u>	Н
First Aid - Fire Ant Bites and Stings	Н	Н		Н		Н	_			\dashv	\dashv	\dashv				•	\vdash	Н
First Aid - Flying Insect Stings	Н	-		Н		Ш	_			\dashv	\dashv	\dashv	_		_	•	\vdash	Н
First Aid - Head Injuries and Concussions	Н	Ш		Н		Н	\dashv		_	\dashv	\dashv	\dashv		_		•	 	Н
First Aid - Head, Neck, Back, and Spine Injuries	Н			Н		Н				\dashv	\dashv	$\frac{\cdot}{\cdot}$				•		Н
First Aid - Heart Attacks and Cardiac Arrest	Н	-		Н						_	_				_		<u> </u>	Н
First Aid - Initial Steps	Н	-		Н		Н				4	_	•				•		Н
First Aid - Poisoning						Ш				_		•				•		Н
First Aid - Scorpion Stings	Н	Ш		Ш		Ш				\dashv	\dashv	•			\dashv	•	_	Н
First Aid - Seizures	Ш			Ш						\dashv	\dashv	•	_			•	_	Н
First Aid - Shock	Щ			Щ						_	_	•				•	<u> </u>	Ш
First Aid - Snake Bites	Ш	-		Ш		Ш	_			4	\dashv	•			\dashv	•	_	Ш
First Aid - Spider Bites	Щ			Щ		Щ				_	_	-				•	<u> </u>	Ш
First Aid - Sprains and Strains	Ш			Ш							_	•				•		Н
First Aid - Stroke										4	_	•	_		_	•		
First Aid - Tick Bites	Щ	Ш		Щ		Ш				_	_	•				•		Ш
First Aid - Unconsciousness	Ш			Ш						4	_	•				•		
First Responder Operations Level Refresher										_		•				•		•
Flammable and Combustible Liquids	Щ			Ш		Ш				_	_	•		•		•		•
Flaring, Venting & Purging - OTFVP	•	Щ		•														•
Fleet Program Adjusting to Changing Conditions	Щ			Щ						_	_	•				•		•
Flow, Level, and Pressure Sensors	Ш			Ш				•			_	_						•
Fluid Catalytic Cracking Operations	•			•							_	_						•
Fluid Flow Measurement, Part 1	Щ	Щ		Щ	Щ	Щ	•	•		_	_	_					igspace	•
Fluid Flow Measurement, Part 2	Ц	Щ		Щ		Щ	•	•			_				_		$ldsymbol{ldsymbol{ldsymbol{eta}}}$	•
Fluorescent, Neon and HID Controls	Щ	Щ		Щ		Щ	Щ	•		_	_						igspace	•
Forklift Safety	Ц	Щ		Щ		Щ	Щ			_	_	•			_	•	igspace	Щ
Forklifts - Reducing Product Damage	Щ			Щ							_	•			_	•	$ldsymbol{ldsymbol{ldsymbol{eta}}}$	Щ
Forklifts: Operation	Щ	Щ		•	Щ	Щ	Щ			_	_	_					igspace	•
Formaldehyde Awareness	Щ	Щ		Щ						_	_	•	_		_	•	<u> </u>	Щ
From AEC Project Manager to Principal Bundle																	•	\square

VECTOR TM SOLUTIONS	Process Operations	o Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	Pre	Lab	Σ	п	Ele	Σ	Ins	Inc	Ъ	Tra	Ele	He	Prc	Fa	ပိ	Ψ. O	Pre	<u>P</u>
From IT Professional to IT Manager Bundle				Щ													•	Щ
From Project Manager to Principal 1: Foundations of Management				Щ					Ш		_						igspace	Ľ
From Project Manager to Principal 2: Marketing Your Services										_	_				_			
From Project Manager to Principal 3: Negotiation Outcomes & Strategies	_			Ш														
From Project Manager to Principal 4 & 5: Manpower & Quality				Ш													<u> </u>	
From Project Manager to Principal 6: Financial Management										_		_			_			•
Fuel and Combustion Systems Safety - Business Contingency Planning				Щ		Щ	Щ		Щ	_	_	•			_	•	\vdash	
Fuel and Combustion Systems Safety - Combustion Basics												•				•	<u> </u>	
Fuel and Combustion Systems Safety - Controlling Combustion Risks: Equipment	_			Ш								•				•		
Fuel and Combustion Systems Safety - Controlling Combustion Risks: People				Ш					Ш			•				•	igsqcup	
Fuel and Combustion Systems Safety - Controlling Combustion Risks: Policies												•				•	<u> </u>	•
Fuel and Combustion Systems Safety - Gas Piping Repairs and Cleaning				Ш							_	•				•	┢	
Fuel and Combustion Systems Safety - Gas Supply System Issues												•				•	lacksquare	
Fuel and Combustion Systems Safety - Global Perspective on Fuel and Combustion System Risks												•				•		
Fuel and Combustion Systems Safety - Natural Gas Piping Basics				Щ								•				•		
Fuel and Combustion Systems Safety - Understanding Boilers and Their Special Risks												•				•		
Fuel and Combustion Systems Safety - Understanding Fuel Trains and Combustion Equipment												•				•		
Fuel and Combustion Systems Safety - What You Don't Know Can Kill You!												•				•		
Fundamentals of Business Crisis Management				Щ									•			•	•	
Fundamentals of Process Solubility	·			•														
Furnace Fundamentals				Щ					·					•		•	ļ_'	
Furnace Introduction									·					•		•		
Furnaces: Operating Conditions									·									
Furnaces: Startup and Shutdown				Ш					·									
Fuses					•			•						•		•		
Gas Chromatography		•		•													ļ_'	
Gas Pipelines - Public Awareness												•				•		
Gear Drive Basics								•										
Gears - Overhaul				Щ		•		•						•		•	ļ_	
Gears - Types and Characteristics				Щ		٠		•						•		•	$oxed{oxed}$	
General Electrical Hazard Awareness and NFPA 70E® 2018				Щ								•		•		•	<u> </u>	
General Electrical Hazard Awareness for Site Safety				Щ		Ш			Щ	ļ		٠		٠	ļ	•	igspace	
General First Aid, Part I				Щ								•	•			•	$oxed{oxed}$	
General First Aid, Part II				Щ					Ш			•	•			•	$oxed{oxed}$	
General Industry Safety - Confined Spaces				Ш								٠		•		•	$oxed{oxed}$	
General Industry Safety - Fall Protection				Щ								•		•		•	igspace	
General Industry Safety - Hazard Communication												•		•		•	$ldsymbol{ldsymbol{ldsymbol{ldsymbol{L}}}$	•

VECTOR* SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	Ā	La	Σ	Ĕ	E	ž	ü	ŭ	ЪС	Ţ	Ĕ	\vdash	Ā	_	Ö		ď	Н
General Industry Safety - Hearing Conservation	_											•		•		•	Ш	
General Industry Safety - Personal Protective Equipment						Ш	\dashv			\dashv		-	\dashv	•		•	\sqcup	
General Troubleshooting Strategies	•		•	•				•		\dashv		\square	\dashv				\sqcup	
Generators and PD Equipment	_						-	•		\dashv		\square	_				igwdapprox	
Get It Done: Sharing Calendars						Н				\dashv		\dashv	•	•		•	$\vdash\vdash$	
Glassware		•		•								•		•		•	\square	•
Globally Harmonized System Overview (BBGHS00CEN)					Н	Ш				\dashv	_					•	$\vdash\vdash$	Н
Gmail Essentials 2015						Н	-	-		\dashv		\dashv	•	•		•	$\vdash\vdash$	•
Green Building: Commercial High Performance Guidelines Part 1										\dashv		\square	\dashv	·		÷	$\vdash\vdash$	
Green Building: Commercial High Performance Guidelines Part 2					Н	Н	\dashv			\dashv		\vdash	\dashv	·		•	$\vdash\vdash$	
Green Design: Economics of Green Building	<u> </u>													•		•	$\vdash\vdash$	
Green Design: Introduction to High Performance Building Design (Based on LEED v4)																	Ш	Ц
Green Design: Introduction to Indoor Environmental Air Quality (Based on LEED v4)						Ш								•		•	Ш	
Green Design: Introduction to Sustainability and Measurement Systems (Based on LEED v4)														•		•		
Green Design: Introduction to Sustainable Design Materials and Resources (Based on LEED v4)														•		•		
Green Design: Introduction to Sustainable Water Systems (Based on LEED v4)														•		•		•
Green Design: Sustainable Daylighting Design (Based on LEED v4)														•		•		·
Green Design: Sustainable Lighting Design (Based on LEED v4)														•		•		•
Green Landscape Design: Reducing the Urban Heat Island Effect														•		•		
Ground Fault Circuit Interrupters					٠			•						•		•		
Grounding					•			•						•		•		$ \cdot $
Hand & Power Tool Safety												•		•		•		Ŀ
Hand and Power Tools												•				•		Ш
Hand Safety												•	_	•		•		
Hand Tools for Electrical Work								•									Ш	
Hand Tools, Part 1				•		Щ				ļ		Щ		•		•	Ш	
Hand Tools, Part 2				•						_		Щ		•		•	Ш	
Hand Washing and Hygiene						Ш				_		•				•	Ш	Ш
Handling Wet and Frozen Coal									•	_		Щ					Ш	
Hardware		•		•						_							Ш	
Hazard Communication GHS		Щ										•	ļ			•	Ш	Щ
Hazard Perception - Hidden Hazards		Щ				Ш				_		•	_		_	•	igsqcup	Щ
Hazardous Material Classifications												•				•	Ш	Ш
Hazardous Material Labeling		Щ			Щ	Щ							ļ			•	Ш	Ш
Hazardous Material Storage		Щ			Ш	Ш						•	_			•	Ш	Щ
Hazardous Waste Essentials	_	Щ		_	Щ	Щ				_		•	_	•		•	Ш	
Hazardous Waste: Treatment												•				•		•

VECTOR SOLUTIONS Course Title	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Hazmat Transportation Safety Awareness												•		•		•		
HAZWOPER 8 Hour Refresher												•		•		•		lacksquare
HAZWOPER: Awareness												•				•		\Box
HAZWOPER: Operations												•				•		
Health Effects Caused by Mold												•		•		•		\Box
Hearing Conservation												•				•		П
Heat Exchanger Basics						•		•						•		•		\Box
Heat Exchangers: Condensers and Reboilers						•		•						•		•		\Box
Heat Exchangers: Cooling Towers	•			•		•		•						•		•		
Heat Exchangers: Introduction	•			•		•		•	•				T	•		•		
Heat Exchangers: Operation of Shell and Tube Types	•			•		•		•						•		•		\Box
Heat Safety Awareness												•		•		•		$\overline{}$
Heat Stress Causes												•				•		
Heat Stress Symptoms and Prevention												•				•		
Heating Systems Basics															•	•		
Heating Theory															•	•		
Heavy Equipment Safety Introduction												٠				•		
Heavy Equipment Visibility												٠				•		Ш
HEPA High Efficiency Filters														•		•		$ \cdot $
Hexavalent Chromium												•				•		
High Pressure Liquid Chromatography		·		•														Ŀ
High Voltage AC Power, Part 1										•								oxdot
High Voltage AC Power, Part 2										٠								
Hojas de datos de seguridad (Safety Data Sheets)												٠		•		•		$ \cdot $
Hot Metal Cutting Processes								•										
Hot Water Boilers															•	•		Ш
Hot Work Safety	Ш			Ш								٠				•		Ш
HVAC - Air Side: Air Balance Basics															•	•		Ш
HVAC - Air Side: Air Distribution				Ш									_		•	•		Ш
HVAC - Air Side: Air Handling in Commercial Buildings													┙		•	•		Ш
HVAC - Air Side: Hot & Cold Calls				Щ							ļ				•	•	Ш	Ш
HVAC - Air Side: Introduction to Air Handlers	Ц	Ш		Щ											•	•	Ш	Ш
HVAC - Air Side: Terminal Units	Щ			Щ							ļ		_		٠	•	Ш	Щ
HVAC - Air Side: Variable Air Volume (VAV) Systems	Щ	Щ		Щ	Щ						ļ	ļ	_		•	•	Ш	Щ
HVAC - Heating and Cooling	Ц	Щ		Щ		•		•			ļ		_	•		•	Ш	
HVAC - Hot Water and Ventilation	Щ	Щ		Щ		•		•			ļ		_	•		•	Ш	
HVAC Acoustics	Ц	Щ		Щ	Ш	Щ					_	_	_	•		•	Ш	
HVAC Basics	Щ					•		•			_	_	_	•		•	Щ	
HVAC Design																	$ldsymbol{ld}}}}}}$	•

VECTOR SOLUTIONS Course Title	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
	Δ.	\Box		=	Ш		=	=	Ф		ш		Ф			шО	ш	•
HVAC Distribution HVAC HEPA Filters		Н		Н		Н	Н			\dashv	\dashv	\dashv	_	$\overline{\cdot}$	\dashv	•	$\vdash\vdash$	
HVAC Refrigeration Essentials				Н										•		•	Н	-
HVAC System Controls				Н		•		•						•		•	Н	-
HVAC System Fans				Н		Н	Н			\dashv	\dashv			•		•	H	
HVAC Terminal Units										\dashv				•		•	H	
Hydraulic Derricks		Н		Н		Н	Н			•	\dashv	\dashv			\dashv		H	•
Hydraulic Fluid Safety		Н		Н		Н	Н			_	\dashv	•	\dashv			•	Н	Н
Hydraulic Hand Tools, Part 1										•							Н	•
Hydraulic Hand Tools, Part 2				Н			П			•	\dashv						\Box	•
Hydraulic System Basics		Н		Н			П	•		寸							Н	•
Hydraulic System Equipment		П		Н			П	•		寸							H	•
Hydraulic System Valves and Components								•			\neg							•
Hydraulic Systems	•			•										•		•		•
Hydraulics: Actuators						•		•						•		•	П	•
Hydraulics: Component Inspection and Replacement						•		•						•		•		•
Hydraulics: Diagrams						•		•		T				•		•		•
Hydraulics: Fluid and Reservoirs						•		•						•		•		•
Hydraulics: Principles and Circuits						•		•						•		•		•
Hydraulics: Pumps						•		•						•		•		•
Hydraulics: Routine Maintenance						•		•						•		•		•
Hydraulics: Troubleshooting						•		•						•		•		•
Hydraulics: Valves, Part 1						•		•						•		•		•
Hydraulics: Valves, Part 2						•		•						•		•		•
Hydroelectric Power Generation														•		•		•
Hydrogen Fluoride Safety																		·
Hydrogen Sulfide Awareness												٠				•		Ш
Hydrogen Sulfide Safety												•				•		·
Hydronic System Basics															•	•		Ш
Hydronic Systems: Architecture and Operation															•	•		Ш
Hydronic Systems: Cooling Tower Basics															•	•	Ш	Ш
Hydronic Systems: Cooling Tower Operation		Щ		Щ		Щ	Щ			_	_				•	•	Ш	Ш
Hydronic Systems: Pumps and Pumping Systems		Щ		Щ			Щ				ļ				•	•	Ш	Щ
Hydrotreating and Catalytic Reforming, Part 1	•	Щ		·			Щ				ļ						Ш	·
Hydrotreating and Catalytic Reforming, Part 2	•	Щ		•		Ш	Щ										Ш	Ŀ
IAQ: Humid Climate Issues											_			•		•	Ш	•
IICRC 7 Hour General Mold Program		Щ		Щ		Щ	Щ			_	_			•		•	Ш	•
IICRC 7 Hour Indoor Air Quality (IAQ) Program		Щ		Щ			Щ			_	_		_	•	_	•	Ш	•
IICRC 7 Hour Mold Health Effects and Science Program														•		•		•

VECTOR* SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	Pro	Lab	Ma	Ind	Elec	Σ	Inst	Ind	Pov	Trai	Ele	He	Pro	Fac	Cor	Fac	Pro	Ind
IICRC 7 Hour Mold Remediation Program #1												•		•		•		$ \cdot $
IICRC 7 Hour Mold Remediation Program #2	Ш													•		•		L
Impedance								•										
Incident Reporting and Investigation												•		•		•		
Incineration Systems: Air Emission Controls	Ш													•		•		L
Increasing Building Energy Efficiencies: Policies and Practice														•		•		
Indoor Air Quality: Introduction, Diagnosing & Mitigating	Ц	Ш				Ш	Ш		Ш			Ш	ļ	•		•	$oxed{oxed}$	
Inductors, Part 1					•			•						•		•		Ŀ
Inductors, Part 2					•			•						•		•		Ŀ
Industrial Controls - Starters								•										Ŀ
Industrial Controls - Switches								•										·
Industrial Housekeeping			•	•				•										•
Industrial Math: Algebra				•														•
Industrial Math: Basic Operations, Part 1				•														•
Industrial Math: Basic Operations, Part 2				•														lacksquare
Industrial Math: Formulas, Graphs, and Trends				•														\Box
Industrial Pneumatic Technology: Aftercoolers, Driers, and Receivers						•		•						•		•		$ \cdot $
Industrial Pneumatic Technology: Air Preparation						•		•						•		•		lacksquare
Industrial Pneumatic Technology: Check Valves, Cylinders, and Motors						•		•						•		•		lacksquare
Industrial Pneumatic Technology: Compressors						•		•						•		•		
Industrial Pneumatic Technology: Control of Pneumatic Energy						•		•						•		•		\Box
Industrial Pneumatic Technology: Directional Control Valves						•		•		ĺ				•		•		
Industrial Pneumatic Technology: Energy Transmission						•		•						•		•		•
Industrial Pneumatic Technology: Excess Flow Valves, Boosters, and Sequence Valves						•		•						•		•		•
Industrial Pneumatic Technology: Flow Control Valves, Silencers, and Quick Exhausts						•		•						•		•		Ŀ
Industrial Pneumatic Technology: Force Transmission						•		•						•		•		Ŀ
Industrial Power Distribution, Facility Distribution Circuits, and PD Basics								•										Ŀ
Industrial Switches					•			•						•		•		Ŀ
Industrial Tools (Power Tools)								•										Ŀ
Infrared Analysis		·		•														·
Ingreso a espacios reducidos (Confined Space Entry)												•		•		•		•
Innovative Heat Pump Technology										_]				•		•		
Inorganic Chemistry		·		•						$ _ $								
Input and Output Devices								•										
Instrumentation and Control: Automatic Process Control, Part 1							•	•										
Instrumentation and Control: Automatic Process Control, Part 2							·	•										
Instrumentation and Control: Detectors & Position Indicators														•		•		•
Instrumentation and Control: Introduction to Control and Data Systems							•	•										•

VECTOR* SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	Pro	Lak	Ма	Inc	Ele	M	Ins	Inc	Po	Tra	Ele	Те	Pro	Fac	Ö	O Fa	Pro	no Pi
Instrumentation and Control: Introduction to Process Control							•	•					_				<u> </u>	
Instrumentation and Control: Measurement of Concentration	Ш			Ш			·	•					_				$ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$	
Instrumentation and Control: Measurement of Density, Clarity, and Moisture							•	•										
Instrumentation and Control: Measurement of Level and Flow				Щ			•	•									<u> </u>	•
Instrumentation and Control: Measurement of Pressure and Temperature				Ш			•	•					_				<u> </u>	
Instrumentation and Control: Process Controls				Щ										•		•		•
Instrumentation and Control: The Human-Machine Interface	Ш			Щ			•	•					_				igspace	Ľ
Insulators					•			•					_	•		•		-
Intermediate Emergency Power Systems				Щ									_		•	•	<u> </u>	Н
Intermediate Maintenance Practices	Ш			Ш			Щ			-					•	•	╙	Н
Intermediate Motors															_	•	<u> </u>	Н
Intermediate Water Treatment	Ш			Ш									_		•	•	<u> </u>	Н
International Building Code & More: Construction Types and Building Sizes							Щ							•		•	lacksquare	-
International Building Code & More: Means of Egress				Щ			Щ							•		•	╙	
International Building Code (IBC) - Assembly Spaces	Ш			Ш			Щ			-				•		•	╙	
International Building Code Significant Changes to 2012 Edition														•		•	<u> </u>	-
Interpersonal Communication	Ш			Ш		Щ	Щ					\Box	•			•	╙	-
Interviewing the Right Way							Щ						•			•	lacksquare	•
Interviewing the Right Way & Managing the Millenial (RV-PGM145)	Ш			Ш									•			•	<u> </u>	•
Intro to SharePoint				Ш									•	•		•	<u> </u>	
Introduction to ASHRAE 189.1-2011: Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings														•		•		
Introduction to ASHRAE 55-1992: Thermal Environmental Conditions for Human Occupancy														•		•		Ш
Introduction to ASHRAE 62.1-2010: Ventilation for Acceptable Indoor Air Quality														•		•		Ш
Introduction to ASHRAE 90.1-2010: Energy Standard for Buildings Except for Low Rise Residential Buildings														•		•		
Introduction to Basic Diagrams and Symbols, Part 1					•			•						•		•		·
Introduction to Basic Diagrams and Symbols, Part 2					•			•						•		•		
Introduction to Heat Rate Improvement	Ш			Ш					•									·
Introduction to Net Zero Buildings																		
Introduction to Power Tools	Ш			•									_					
Introduction to Smart Grid										•								·
Introduction to Transmission and Distribution Systems	Щ			Щ						٠			ļ				<u> </u>	•
Inventory Management for Engineers	Щ			Щ		Щ	Щ					Щ	_				$oxed{oxed}$	
Ion Concentration Analysis	Ш	•		•													$oxed{oxed}$	·
Ionizing Radiation	Щ			Щ		Ш	Ш						ļ	•		•	$oxed{oxed}$	
Irritants, Corrosives and Sensitizers	Ш			Щ								•				•	$oxed{oxed}$	
ISO 9000	•			•									ļ					
IT Pro to Manager: 01-Managing the Development of Technical Professionals																	•	•

VECTOR TM SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	Pro	Lal	Σ	lu	Ele	Ψ	lns	lnc	Ъ	Tra	Ë	Ë	Pre	Fa	ပိ	ē S	Pre	ы
IT Pro to Manager: 02-Successful Communication and Process Management Skills											_	_	_				•	Ŀ
IT Pro to Manager: 03-Developing Leadership and Transitioning into Management																	•	Ľ
J-K Flip-Flops											٠							
Job Hazard Analysis (JHA) Safety Task Review												•		•		•	<u> </u>	<u> </u>
Job Safety Analysis												•	_			•	$ldsymbol{ldsymbol{ldsymbol{eta}}}$	Ŀ
Kirchhoff's Laws					•			•			_	_		•		•	<u> </u>	Ľ
Lab Technician Math, Part 1		•		•					Ш		_		_				$ldsymbol{ldsymbol{ldsymbol{eta}}}$	Ŀ
Lab Technician Math, Part 2		•		•									_				$oxed{oxed}$	Ŀ
Lab Technician Math, Part 3	$oxed{oxed}$	•		•									ļ				igsqcup	Ŀ
Laboratory Safety (BBLASA0CEN)												•	_			•	$ldsymbol{ldsymbol{ldsymbol{eta}}}$	Ŀ
Ladder Safety											ļ	•		•		•	ļ_'	Ŀ
Laser Safety												•				•	$ldsymbol{ldsymbol{ldsymbol{eta}}}$	Щ
Launching a Successful Start-Up Business: Entrepreneurial Basics																		Ŀ
Lead Awareness												•	_			•	<u> </u>	Щ
Lead Contamination of Public Water Systems														•		•		·
Lead Safety												·				•		<u> </u>
Lead Safety Awareness												٠		•		•		·
Lead Safety in Construction: Keeping You Safe and Compliant												٠		•		•		Ш
Lead-Based Paint Safety												·				•		Щ
LEED v4 - Certified Buildings Under the O&M and BD+C Categories														•		•		·
LEED v4 - Operations and Maintenance														•		•		·
LEED v4 and Data Center Construction														•		•		Ŀ
LEED v4 and the Future of Green														•		•		•
LEED v4 for Commercial Office Buildings														•		•		•
LEED v4 for Existing Buildings: Operation & Maintenance (EBOM)														•		•		•
LEED v4 for Healthcare Facilities														•		•		•
LEED v4 for Hospitality Projects														•		•		•
LEED v4 for Interior Design + Construction														•		•		•
LEED v4 for New Construction Projects														•		•		•
LEED v4 for Retail Projects														•		•		•
LEED v4 for School Buildings														•		•		•
LEED v4: Building Design and Construction														•		•		•
Legionella Prevention and Control												•		•		•		
Lighting Basics								•										$oldsymbol{\cdot}$
Lighting Controls Essentials														•		•		•
Line Breaking Safety												•				•		
Liquefied Natural Gas (LNG): Emerging Issues in the LNG Industry																		lacksquare
Liquefied Natural Gas (LNG): Evolution of LNG Markets & Primary Demand Regions																		•
Liquefied Natural Gas (LNG): Global LNG Demand & Emerging Demand Markets																		•

VECTOR TM SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	Pro	Lal	Σ	luc	Ele	Σ̈́	<u>n</u>	Inc	Ъ	Tra	Ele	윈	Pro	Fa	ပိ	Ē Θ	ğ	Ĕ
Liquefied Natural Gas (LNG): Global LNG Projects & Players		Щ		Щ		Щ						_					닏	
Liquefied Natural Gas (LNG): Global LNG Supply		Ш		Ш		Ш			Ш				_				$ldsymbol{f eta}$	
Liquefied Natural Gas (LNG): Globalization of LNG				Ш													oxdot	<u> • • • • • • • • • •</u>
Liquefied Natural Gas (LNG): Natural Gas & LNG in the 21st Century				Ш													$oxed{oxed}$	
Liquefied Natural Gas (LNG): Safety & Environmental Sustainability of LNG				Ш		Ш						_					╙	
Liquefied Natural Gas (LNG): The Impact of Shale Gas on Global Gas Markets				Щ													$ldsymbol{f eta}$	
Liquefied Natural Gas (LNG): The LNG Value Chain						Ш							_				匚	
Liquefied Natural Gas (LNG): The Role of Shale Gas in the Golden Age of Gas																	L_	
Liquid Level Measurement, Part 1							·	•									$oxed{oxed}$	
Liquid Level Measurement, Part 2							•	•									L	
Load Securement												•				•		Ш
Lockout Tagout for Affected Employees												•				•	L	Ш
Lockout Tagout for Authorized Employees												•				•		Ш
Lockout/Tagout												•		•		•		<u> • </u>
Lockout/Tagout & Basic Arc Flash															•	•	L	Ш
Logic Technology, Logic Functions, Sequential Logic, and Analog Conversion								•										<u> </u>
Low Voltage Fundamentals														•		•		Ŀ
Low/No Cost Energy Savings Opportunities															•	•		Ш
Lubricants and Oils								•										Ŀ
Lubrication Basics								•										•
Lubrication: Basics						•		•						•		•		•
Machine Guarding												•				•		·
Magnetism and Electromagnetism Basics								•										•
Magnets and Magnetic fields					•			•						•		•		•
Maintenance of Air and Oil Circuit Breakers					•			•						•		•		$ \cdot $
Maintenance of High-Voltage Circuit Breakers					•			•						•		•		•
Maintenance of Low-Voltage Circuit Breakers					•			•						•		•		•
Maintenance Safety												•				•		
Making Humor Work at Work																	•	•
Management 101: 01-Introduction to Management													•			•	•	•
Management 101: 02-Leading and Communicating as a Manager													•			•	•	
Management 101: 03-Making an Impact as a Manager													•			•	•	
Management 101: 04-Taking Control as a Manager													•			•	•	
Managing a Buyout Program																		lacksquare
Managing a Millennial													•			•		•
Managing a Work Group													•			•		•
Managing Contractors and Temporary Employees													•			•	•	•
Managing Generation X													•			•	•	•
Managing Technical Professionals													•			•	٠	

VECTOR* SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	ğ	La	Σ	Ē	Ш	Σ	드	Ē	Ā	۲	ш	Ĭ		Fa	ŏ		Ā	\vdash
Managing Yourself	Н	•		•		Н	\dashv		-	\dashv	\dashv	\dashv	•			•	⊢	•
Mass Spectrometry	Н	<u> </u>		Ľ			Ш			\dashv	\dashv		•	•	-	•	┝	\vdash
Mastering Excel 2016	Н			Н			\dashv			\dashv	\dashv	-				•	⊢	H
Mastering Excel 2016, Basics										_	\dashv		•	•			<u> </u>	+-
Mastering Excel 2016, Intermediate	Н			Н		H	Н		\dashv	\dashv	\dashv	\dashv	•	•	Н	•	\vdash	•
Mastering Office 365	Н			\vdash			\square				\dashv		•	•		•	_	+
Mastering Outlook 2016	Н			Щ		Щ	Щ			_	_	\Box	•	•			_	•
Mastering Outlook 2016 Advanced	Ш						-			_	4		•	•		•	▙	•
Mastering Outlook 2016 Basics	Ш										_		•	•		•		•
Mastering PowerPoint 2016	Ш									_	_		•			•	<u> </u>	Ľ
Mastering PowerPoint 2016 Advanced	Щ										_			•		•	igspace	Ľ
Mastering PowerPoint 2016 Basics	Ш									_	_		•	•		•	ᆫ	Ľ
Mastering QuickBooks Online													•	•		•	L	Ľ
Mastering Word 2016	Ш												•	•		•	<u> </u>	Ľ
Mastering Word 2016 Advanced	Ш												•	•		•	L	Ľ
Mastering Word 2016, Basics	Ш												•	•		•		•
Mastering Word 2016, Intermediate	Ш										_		•	•		•	Щ	Ľ
Material Handling Bucket Trucks										•							L	Ŀ
Material Handling of Bulk Liquids	•			•													L	Ŀ
Material Handling: Tank Trucks												•				•		<u> • </u>
Math: Basics				•										•		•	Ļ	 •
Mathematics - Number Bases and Powers of Ten								•									L	<u> • </u>
Mathematics - Percentages and Fractions								•										<u> </u>
Matter States and Temperature								•										•
Measurement - Dimensions								•										•
Measurement - Temperature, Force, and Fluid Properties								•										<u> </u>
Measuring Current, Voltage, and Resistance					•			•						•		•		•
Mechanical Maintenance: Basic Terms of Maintenance						•		•										•
Mechanical Maintenance: Couplings						•		•										•
Mechanical Maintenance: Maintaining and Troubleshooting Brakes and Clutches						•		•										$ \cdot $
Mechanical Maintenance: Maintaining and Troubleshooting Gear Reducers						•		•										$oldsymbol{\cap}$
Mechanical Maintenance: Maintaining Flexible Drives: Flat Belts, V-Belts, and Timing Belts						•		•										
Mechanical Maintenance: Maintaining Flexible Drives: Roller Chain and Silent Chain						·		•										
Mechanical Maintenance: Maintaining V-Belts						•		•										•
Mechanical Power Press Safety												•				•		
Mechanical Seals						•		•						•		•		•
Medical Waste Stream: Identification and Handling												•				•		•
Meeting Customer Expectations			•	•			П	•			\neg							•

VECTOR SOLUTIONS Course Title	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
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Mentoring that Matters Metal Fabrication	Н	-		Н			\dashv	•		\dashv	\dashv	\dashv	\dashv		\dashv		Н	
Metal on Metal Safety	Н			Н							\dashv	•	\dashv			•	Н	Н
Metals - Identifying Steel and Iron	Н			Н				•									\vdash	
Metals - Physical Properties and Types	Н							•			\dashv	\dashv	\dashv				H	
Microgrid Essentials	Н			Н							\dashv		\dashv	•		•	H	
Microgrids and the City	Н			Н			\dashv							•		•	H	-
Microprocessors and Computer Memory	Н			Н				•					\dashv				Н	
Microsoft Lync Essentials	Н			Н									•	•		•	Н	•
Microsoft Project 2013 Essentials Training	Н										\dashv		•	•		•	•	•
Microsoft Project 2013 Intermediate Training	Н			Н									•	•		•	•	•
Microsoft Project 2016 Essentials Training	П			Н									•	•		•	•	1
Microsoft Project 2016 Intermediate Training	П			П							\neg		•	•		•	•	1
Microsoft Sway Essentials				П									•	•		•	П	•
Mobile Elevating Work Platform (MEWP) Safety												•				•		П
Mobile Elevating Work Platform (MEWP) Safety for Supervisors	П			П								•				•	П	П
Mobile Hydraulic Systems										•								•
Mold Awareness and Prevention												•				•	П	П
Mold Basics														•		•		$\overline{}$
Mold Remediation											Ì	•		•		•		$\overline{\cdot}$
Mold Remediation Equipment														•		•		lacksquare
Mold Remediation in Schools & Commercial Buildings														•		•		•
Mold Safety and Health												•		•		•		•
Mold Sampling														•		•		
Montana 4 Hour 2017 NEC Changes: Program 1														•		•		lacksquare
Montana 4 Hour 2017 NEC Changes: Program 2														•		•		•
Montana Electrician 4 Hour Industry Related Program 1														•		•		·
More Than Mold - Health Effects Associated With Mold and Water Damage												•		•		•		·
Motor Basics															•	•		Ш
Motor Branch Circuit Protection					•			•						•		•		·
Motor Control Circuits and Functions								•										
Motor Overload Protection	Ш			Ш				٠										
Mounting and Dismounting Heavy Equipment	Ц			Щ								•				•	Ш	Ш
MRO Stockroom Management	Щ			Щ							ļ		ļ		•	•	Ш	Щ
Multigeneration Management: 01-Workforce Generations	Ц	Щ		Щ							ļ		•			•	•	
Multigeneration Management: 02-Leading Silents and Boomers	Щ										ļ	ļ	•			•	•	
Multigeneration Management: 03-Multi-Generational Leadership (GenX and Next)	Ц	Щ		Щ	Щ		Щ				_	_	•			•	·	
Multigeneration Management: 04-Cross-Generational Teams	Ц			Щ							ļ	_	•			•	•	
Multigeneration Management: 05-Developing Generations													•			•	•	•

VECTOR TM SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	ď	La	Σ̈́	Ľ	Ele	ž	Ins	ř	Ъ	\dashv	Ä	포	ď	Fa	ပိ	ш (S	ď	\vdash
Multiple Street Lighting Systems	<u> </u>									•					_		igsqcup	
Multistage Centrifugal Pump Maintenance	_			Щ		•		•		\dashv	_	\Box		•	_	•	┢	-
Natural Gas Systems - Sizing and Design Consideration	_													•		•		
Negativity in the Workplace	_			Щ							_		•		_	•	•	•
Network+ N10-007: 01-TCP/IP Fundamentals	<u> </u>			Ш													lacksquare	H
Network+ N10-007: 02-Network Infrastructure Services	<u> </u>																	
Network+ N10-007: 03-Understanding Network Devices	_			Щ		Щ	Щ					Щ			_		igspace	
Network+ N10-007: 04-Cables, Connectors, and Standards				Ш													igspace	-
Network+ N10-007: 05-Understanding WAN Connections and Remote Access	_			Щ							_						igspace	
Network+ N10-007: 06-Monitoring and Maintaining Networks				Ш													$ldsymbol{f eta}$	
Network+ N10-007: 07-Installing, Configuring, and Maintaining Wireless LANs				Щ													igspace	
Network+ N10-007: 08-Network Security				Ш											_		$ldsymbol{ld}}}}}}$	L
Network+ N10-007: 09-Networking Concepts and Theory				Ш														
Network+ N10-007: 10-Troubleshooting Networks	$oxed{igspace}$			Щ													$oxed{oxed}$	
Network+ N10-007: 11-LAN Infrastructures				Ш														
Network+ N10-007: 12-Advanced Networking Concepts				Щ													<u> </u>	
Network+ N10-007: Test Me-CompTIA Exam Network+				Ш														
Networks								•										
Networks Introduction							•	•										•
Networks: Fiber Optic Systems							•	•										Ŀ
Networks: Setting Up and Troubleshooting							•	•										$ \cdot $
New Building Technologies Series: Passive Solar Building Technology														•		•		
New Building Technologies Series: Smart Building Technology														•		•		•
New Building Technologies Series: Smart Lighting Technology														•		•		•
New Employee Safety Orientation												•		•		•		•
NFPA 70E Introduction												•				•		
NFPA 70E® - 2018 Updates												•		•		•		Ŀ
Night Shift Safety												•				•		
Nitrogen Safety Awareness												•				•		•
Non-conductive Tools								•										•
North Carolina 2 Hour 2017 NEC Changes: A New Process and Five New Articles and General Requirements														•		•		
North Carolina 2 Hour 2017 NEC Changes: Hazardous Locations and Special Occupancies														•		•		•
North Carolina 2 Hour 2017 NEC Changes: Overcurrent Protection, Grounding & Bonding, and Enclosure Boxes														•		•		•
NPDES Wastewater Discharge Permits												•				•		
Nuclear Magnetic Resonance		•		•														
Number Systems and Digital Codes											•							
Occupational Safety Training: Bloodborne Pathogens												lacksquare		•		•		

VECTOR TM SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	P	La	Σ	٤	Ele	Σ	Ë	Ě	Ъ	Ţ	ŭ	-	ď		Ö		Ā	\vdash
Occupational Safety Training: Electrical Safety		Ш				Щ						•		•		•		•
Occupational Safety Training: Emergency Action Plans	┞	Ш				Щ					_	•	•	•		•	Ш	-
Occupational Safety Training: Ergonomics in the Workplace												•	•	•		•		
Occupational Safety Training: Fall Protection												•	•	•		•		•
Occupational Safety Training: Fire Safety and Prevention						Ш						•	•	•		•	Ш	Ľ
Occupational Safety Training: Flammable and Combustible Liquids						Щ			Щ			_		•		•	Ш	<u> </u>
Occupational Safety Training: Hazard Communication									Щ			•	•	•		•	Ш	L
Occupational Safety Training: Hazardous Materials												•		•		•		
Occupational Safety Training: Introduction to Industrial Hygiene						Ш						•		•		•	Щ	
Occupational Safety Training: Introduction to OSHA						Ш						•		•		•	Ш	Ŀ
Occupational Safety Training: Lockout/Tagout						Ш						•		•		•	Ш	Ŀ
Occupational Safety Training: Machine Guarding						Ш						•		•		•	Ш	
Occupational Safety Training: Personal Protective Equipment						Ш						•	•	•		•	Ш	Ŀ
Occupational Safety Training: Respiratory Protection	$oxed{oxed}$					Щ			Щ			•		•		•	Ш	Ŀ
Occupational Safety Training: Safety and Health Programs												٠		•		•		
Occupational Safety Training: Slips, Trips, and Falls												٠	•	•		•		
Occupational Safety Training: Walking and Working Surfaces												•		•		•		
Office 365 Essentials													•	•		•		
Office 365 Groups Essentials													٠	•		•		·
Office 365 Planner Essentials													٠	•		•	Ш	·
Office Safety												•				•		Ш
Ohm's Law					•			•						•		•		Ŀ
Oil Spill Responses in Facilities												•				•		·
OJT Mentor													•			•		•
Oklahoma 6 Hour 2017 NEC Changes Program														•		•		$ \cdot $
OneDrive Essentials (2016)													•	•		•		•
On-the-Job-Training: Implementation and Evaluation	•			•														•
On-the-Job-Training: Preparation	•			•														•
Operación segura de montacargas (Safe Forklift Operation)												•		•		•		•
Operating an AED												•				•		$ \cdot $
Operational Amplifier Circuits											•							•
Operational Amplifiers and Troubleshooting								•										•
Operational Amplifiers, Part 1											•							•
Operational Amplifiers, Part 2											•							•
Operations: Basic Principles	•			•														
Operator Basic Care			•	•				•										
Operator Responsibilities: Advanced Operator Responsibilities	•			•													П	
Operator Responsibilities: Basic Operator Responsibilities	•			•														•
Operator Responsibilities: Communication	•			•														•

VECTOR* SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	Pro	Lab	Mai	Indi	Elec	Me	Inst	Indi	Pov	Trar	Elec	Нез	Pro	Fac	S	Fac	Pro	Ind
Operator Responsibilities: Introduction	•			•														·
Operator Responsibilities: Plant Production and Safety	·			•		Ш			•					٠		•		·
Operator Responsibilities: Trends, Maintenance, and Emergencies	•			•								_						•
Optical Analysis	Ш	•		•		Ш					ļ		_	ļ				
Optoelectronics	Ш					Ш		•										·
Oregon 2017 NEC Changes: A New Process and 5 New Articles and General Requirements														•		•		
Oregon 2017 NEC Changes: Hazardous Locations and Special Occupancies														•		•		•
Oregon 2017 NEC Changes:Overcurrent Protection, Grounding & Bonding, and Enclosure Boxes														•		•		•
Oregon Electrician 2017 NEC Changes: Appliances and Equipment - Special Equipment														•		•		•
Oregon Electrician 2017 NEC Changes: Conductors and Wiring Methods - Receptacles and Switches														•		•		•
Orientación a la seguridad (Safety Orientation)												•		•		•		•
OS Software and File Management								•										·
Oscilloscopes	Ш					Ш		٠										·
OSHA 10 Hour Construction Program	Ш					Ш						•		•		•		·
OSHA Concrete and Masonry Construction	Ш			Ш		Ш						•	_			•		
OSHA Demolition												·				•		
OSHA Electrical General Requirements				Щ						ļ		<u> </u>				•		Ц
OSHA Electrical Regulations				Ш						_		•	_			•		Ŀ
OSHA Electrical Wiring Methods	Ш			Щ		Ш				_		<u> </u>				•		Ш
OSHA Fatal Accidents & Prevention	Ш			Ш		Ш				_		•				•		•
OSHA Fire Protection & Prevention	Ш			Ш		Ш						•				•		•
OSHA Pressure Vessel Chemical Cracking	Щ			Ш		Щ					_	•	_	_		•		
OSHA Recordkeeping: General Recording Criteria				Ш								•	_			•		
OSHA Safety: Drilling				Щ			_			_		<u> </u>				•		
OSHA Safety: Introduction to Powered Industrial Trucks	Ш			Щ		Ш	\Box			_	_	<u> </u>	_	_		•	_	•
OSHA Safety: Stairways and Ladders	Ш			Ш		Ш				\dashv		•	_	•		•		•
OSHA Signs, Signals & Barricades	Щ					Щ				_	_	•	_	_	_	•	_	•
OSHA Standards on Steel Erection	Ш			Щ		Ш				\dashv	_	•	_	_		•		•
OSHA Standards: Bloodborne Pathogens												•		•		•		
OSHA Tools - Hand and Power	Щ	Щ		Щ		Щ				_	_	•	_	_	_	•	_	
OSHA Underground Construction	Щ	Щ		Щ		Щ					_	•				•		
OSHA Welding and Cutting		Щ		Щ							_	•	_	_		•		
Outlook Web Access Essentials (2016)	\square			Щ		\square				_	_	_	•	•	_	•	_	•
Overall Equipment Effectiveness Basics	Щ	\square	•	•		Щ	\Box	•		_	4	_	_	_	_		_	•
Overcurrent Protection I - Short Circuit Calculations	Щ	Щ		igdash		Щ	\Box	-		_	\dashv	_	\dashv	•	\dashv	•	_	•
Overcurrent Protection II - Coordination	Ш					Ш								•		•		•

VECTOR SOLUTIONS Course Title	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Overhead Crane Basics	Н	_		=	ш		_	=	ш	-		•		_		•	ш	H
Overhead Crane Dasics Overhead Crane Operational Safety	\vdash											•				•		Н
Overhead Crane Operational Safety Overhead Distribution Systems									Н	•	\dashv	\dashv	\dashv					
Overhead Troubleshooting, Part 1										•								
Overhead Troubleshooting, Part 2 - Emergency Conditions										•								
Oxyacetylene Welding Equipment and Safety				Н				•			\dashv	\dashv	\dashv					
Package: The Ultimate Project Manager Series				Н						\neg		寸				•		H
Pad-Mounted Transformers and Switchgear										•								
Painting and Coating Basics								•										1
Pallet Jack Safety												•				•		П
Parallel Circuits					•			•						•		•		
Partnering for Design & Construction Projects													•			•		
Password Security Basics													•	•		•		1
Past, Present and Future of Building Energy Codes and DOE Appliance Mandates														•		•		П
Patent Protection: An Intermediate Review																		
Patógenos de transmisión hemática (Bloodborne Pathogens)												•		•		•		
Pedestrian Safety												•				•		
Peer Checking													•			•		•
Performance Management: 01-Preventing Performance Problems													٠			•	•	$ \cdot $
Performance Management: 02-Identifying Performance Problems and Causes													٠			•	•	Ш
Performance Management: 03-Feedback and Counseling													٠			•	٠	Ш
Performance Management: 04-Effectively Disciplining Problem Performance				Ш									·			•	٠	Ш
Personal Accountability for Safety												•				•		Ш
Personal Protective Equipment				Ш								•	_			•		
Personal Protective Equipment For Mold Remediation Contractors and Consultants												•		•		•		
Personal Protective Equipment Selection and Proper Usage				Ш								•		•		•		
Personal Safety for Lab Technicians		•		•									_	•		•		
Photoswitches, Proximity Sensors, and Feedback Devices								•										
Physics Basics								•		\dashv	_	_	_				_	
Pipes and Valves: Basic Pipefitting Skills				Ш		•		•			4	_	4	•	_	•		
Pipes and Valves: Calculating Offsets						•		•					_	•		•		
Pipes and Valves: Installing Flanges, Copper, and Plastic Pipe				Щ		•		•	Щ	\dashv	_	_	\dashv	•	_	•		H
Pipes and Valves: Installing Pipe Hangers and Supports				\sqsubseteq		•		•	Щ		_		_	•	_	•	_	•
Pipes and Valves: Installing Screw and Welded Pipe		Щ		igsqcup		•	\square	•			_	_	_	•		•	_	•
Pipes and Valves: Motor Operators		\square		\vdash		•	\square	•	Щ	\Box	\dashv	_	\dashv	•	\dashv	•	_	•
Pipes and Valves: Pipes and Pipe Fittings						•		•			_		_	•		•		•
Pipes and Valves: Special Calculations	H			\vdash		•		•			_		_	•	_	•		
Pipes and Valves: Steam Traps				\vdash		•		•	\dashv		\dashv		\dashv	•	\dashv	•	_	
Pipes and Valves: Valve Maintenance				Ш		<u>. </u>		لـــًا	Ш							•		•

VECTOR* SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	Prc	Lal	Μ	Inc	Ele	Н	Ins	_	Ъ	Tra	Ĕ	Ĕ	Pro	_	ပိ		P	ш
Pipes and Valves: Valve Types and Operation	Щ			Щ		•	_	•		_		_		•		•	Ш	
Piping and Auxiliaries: Basic Components and Functions	Щ			Ш		•		•		_		_		•		•	Ш	•
Piping and Auxiliaries: System Components and Operation	Ш			Ш		•		•		\dashv				•		•	Ш	•
Plant Science: Basic Electrical Circuits	Щ			Ш	•			•		_	_	_		•		•	Ш	•
Plant Science: Basic Electrical Principles	Щ			Ш	٠	Ш		•	_	\dashv	_	\dashv		•		•	Ш	•
Plant Science: Basic Principles	Ш					•		•			_			•	_	•	Ш	•
Plant Science: Fluid Systems	Щ			Ш		•	\Box	•	_	\dashv	_	_		•		•	Ш	•
Plant Science: Forces and Machines						•		•			_		_	_	_	•	Ш	•
Plant Science: Gases and Flowing Liquids	Щ					•		•		_	_			_		•	\square	
Plant Science: Heat	Ш			Щ		•		•		4		\dashv		•		•	Ш	
Plant Science: Heat Transfer										_	_	_			_		Ш	•
Plant Science: Process Dynamics and Measurement	•			•						_	_	_	_		_		Ш	•
Plant Science: Solids and Liquids						•		•				_		•		•	Ш	•
Plastic and Rubber Basics	Щ					Ш		•			_	_					Ш	•
PLC Basics	Ш							•	_	_	4	_					Ш	•
PLC Ladder Logic				Ш				•	_		_				_			•
PLCs: Troubleshooting Software, Part 1	Щ			Ш		Ш	•	•	_	_	4	_					Ш	•
PLCs: Troubleshooting Software, Part 2							•	•	-			_					Ш	•
Plumbing - Piping and Fixtures	Щ			Ш		Ш		•	_	_	_	_					\square	•
Plumbing - Sewer and Water Supply Systems and Troubleshooting	Ш							•	_	_	4	_					Ш	Ŀ
Plumbing Basics	Ш										_				•	•	Ш	Ш
Plumbing Maintenance	Ш			Ш		Ш			_	_	4	_			•	•	Ш	Ш
Plumbing: Backflow Preventers	Ш			Ш						_					•	•	Ш	Ш
Plumbing: Pipe Fitting	Щ								_		_				•	•	Ш	Ш
PM: 01-Project Management Overview	Ш					Ш			_	_		_					Ŀ	Ш
PM: 02-Managing Projects within Organizations	Щ			Ш						_	_	_					<u> </u>	Ш
PM: 03-Project Management Process Groups	Щ			Ш		Ш	\Box		_	\dashv	_	_					•	Щ
PM: 04-Execution, Monitoring and Controlling	Ш									_	_						•	Ш
PM: 05-Project Change Control and Closure	Щ			Ш		Ш			_	_	_	_					•	Щ
PM: 06-Initiation Basics, Developing a Project Charter and Project Management Plan																	•	Ш
PM: 07-Collecting Requirements and Defining Scope	Ш					Ш											·	Ш
PM: 08-Monitor and Control Project Scope	Щ			Щ		Щ			ļ		ļ						•	Щ
PM: 09-Defining and Sequencing Project Activities	Ц			Ш													•	Щ
PM: 10-Developing and Controlling the Project Schedule	Ц			Ш									•			•	·	Ш
PM: 11-Estimating Activity Resources and Durations	Щ			Ш		Ш											·	Ш
PM: 12-Controlling Costs	Ш			Ш													•	Ш
PM: 13-Estimating & Budgeting Project Costs	Щ			Ш													·	Щ
PM: 14-Project Quality Planning																	•	Ш

VECTOR TO SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	Pre	Lal	Σ	п	Ele	Σ	Ins	Г	Ъ	Tra	Ele	Η̈́	Pro	Fa	ပိ	Ψ. O	Pre	Ĕ
PM: 15-Quality Assurance and Cost Control				Щ						_	_						•	Щ
PM: 16-Managing Projects for Human Resources				Ш		Щ	\Box			_		\Box					•	Ш
PM: 17-Planning Projects for Human Resources				Ш						_							•	Ш
PM: 18-Processes for Managing Project Communications				Щ						_							•	Щ
PM: 19-Stakeholders and the Communication Management Plan				Ш		Ш											•	Ш
PM: 20-Identifying Project Risks				Ш													•	Щ
PM: 21-Performing Risk Analysis	$oxed{oxed}$			Щ		Щ	Щ					Щ					•	Щ
PM: 22-Risk Management Planning				Ш		Ш											•	Ш
PM: 23-Risk Response, Monitor and Control				Щ		Щ				ļ							•	Щ
PM: 24-Managing Procurement During Your Project				Ш													•	Ш
PM: 25-Planning Procurement for Your Project																	•	
PM: 26-Stakeholder Identification and Planning																	•	Ш
PM: 27-Project Stakeholder Engagement and Communication																	•	Ш
PM: 28-Project Management Professional (PMP)® 2016 Exam Updates																	•	Щ
PM: PMI® Certification Requirements										\Box							•	Ш
PM: Test Me-Project Management Professional (PMP)®																	•	Ш
PMBOK® Guide - Sixth Edition: 01-Project Management Overview														٠		•	٠	·
PMBOK® Guide - Sixth Edition: 02-Managing Projects within Organizations														٠		•	•	·
PMBOK® Guide - Sixth Edition: 03-Project Management Process Groups														•		•	•	Ŀ
PMBOK® Guide - Sixth Edition: 04-Execution, Monitoring and Controlling														•		•	•	•
PMBOK® Guide - Sixth Edition: 05-Project Change Control and Closure														•		•	•	•
PMBOK® Guide - Sixth Edition: 06-Initiation Basics, Developing a Project Charter and Project Management Plan														•		•	•	
PMBOK® Guide - Sixth Edition: 07-Collecting Requirements and Defining Scope														٠		•	•	·
PMBOK® Guide - Sixth Edition: 08-Monitor and Control Project Scope														•		•	•	·
PMBOK® Guide - Sixth Edition: 09-Defining and Sequencing Project Activities														٠		•	•	$ \cdot $
PMBOK® Guide - Sixth Edition: 10-Developing and Controlling the Project Schedule														•		•	•	•
PMBOK® Guide - Sixth Edition: 11-Estimating Activity Resources and Duration														•		•	•	•
PMBOK® Guide - Sixth Edition: 12-Controlling Costs														•		•	•	•
PMBOK® Guide - Sixth Edition: 13-Estimating & Budgeting Project Costs														•		•	•	$ \cdot $
PMBOK® Guide - Sixth Edition: 14-Project Quality Planning														•		•	•	$ \cdot $
PMBOK® Guide - Sixth Edition: 15-Quality Assurance and Cost Control														•		•	•	$oldsymbol{\cap}$
PMBOK® Guide - Sixth Edition: 16-Managing Projects for Human Resources														•		•	•	•
PMBOK® Guide - Sixth Edition: 17-Planning Projects for Human Resources										Ī				•		•	•	•
PMBOK® Guide - Sixth Edition: 18-Processes for Managing Project Communications														•		•	•	
PMBOK® Guide - Sixth Edition: 19-Stakeholders and the Communication Management Plan														•		•	•	
PMBOK® Guide - Sixth Edition: 20-Identifying Project Risks														•		•	•	•
PMBOK® Guide - Sixth Edition: 21-Performing Risk Analysis														•		•	•	1
PMBOK® Guide - Sixth Edition: 22-Risk Management Planning														•		•	•	lacksquare

VECTOR* SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	ď	La	ž	Ĕ	EK	ž	'n	ın	PG	Ë	ă	Ĭ	ď	-	Ö		Ā	Н
PMBOK® Guide - Sixth Edition: 23-Risk Response, Monitor and Control	Щ									_				_		•	•	•
PMBOK® Guide - Sixth Edition: 24-Managing Procurement During Your Project	Щ	Щ		Ш		Щ	Ш			4	_	_		_		•	•	•
PMBOK® Guide - Sixth Edition: 25-Planning Procurement for Your Project	Ш	Ш		Ш		Ш	Ш			\dashv				•		•	•	
PMBOK® Guide - Sixth Edition: 26-Stakeholder Identification and Planning	Щ										_	_		_	_	•	•	•
PMBOK® Guide - Sixth Edition: 27-Project Stakeholder Engagement and Communication														_			•	
PMBOK® Guide - Sixth Edition: Test Me-Project Management Professional (PMP)®	Ш	Ш		Ш		Ш				_				•		•	•	•
PMI Agile Certified Practitioner (PMI-ACP®) Exam Prep Training	Щ			Щ		Щ				ļ	ļ	_		•		•	Ļ	Ŀ
PMI-PMP Exam Prep Package: PMBOK Guide 6th Edition	Ш																•	Ŀ
Pneumatic Basics								•										•
Pneumatic Building Automation Basics	Щ			Ш											•	•		Ш
Pneumatic Tool Safety												•				•		Ш
Pneumatics: Actuators and Positioners	Щ	Щ		Щ		Щ	·	•						•		•	igsqcup	Ŀ
Pneumatics: Basic Pneumatic Control Systems	Ш	Щ		Ш			·	•		_				•		•		·
Pneumatics: Basic Pneumatic Control Systems and Diagrams				Ш			·	•			_			•		•		•
Pneumatics: Controllers	Ш			Ш			·	•						•		•		Ŀ
Pneumatics: Indicators and Hand-Auto Control Stations							•	•						•		•		·
Pneumatics: Multi-Element Pneumatic Control Systems	Щ	Щ		Щ		Щ	·	•						•		•	igsqcup	Ŀ
Pneumatics: Pneumatic Instrument Tubing	Ш	Ш		Ш			·	•		_				•		•		·
Pneumatics: Self Balancing Instruments				Ш			·	•			_	_		•		•		·
Pneumatics: Transmitters				Ш			·	•						•		•		Ŀ
Pneumatics: Troubleshooting Pneumatic Instrument Systems							·	•						•		•		•
Pneumatics: Tuning Pneumatic Control Systems	Ш						·	•						·		•		•
Pole Framing and Guying	Ш			Ш						•								•
Pole Top Equipment & Replacement, Part 1										•								•
Pole Top Equipment & Replacement, Part 2	Ш			Ш						•								•
Pole Top Transformer Replacement	Ш									•								•
Pollution Prevention Best Practices				Щ						_	ļ	•				•		Ш
Portable and Emergency Equipment	•	Ш		•						_								·
Portable Loading Ramps				Щ						_		•				•		Ш
Positive Displacement Pump Basics	Щ			Ш		•		•		_	_	_		•		•	Ļ	·
Positive Displacement Pump Maintenance Basics						•		•						•		•		·
Power BI Essentials	Щ			Щ						ļ	ļ		•	•		•	<u>_</u>	•
Power Plant Boilers: Abnormal Conditions and Emergencies	Ц			Щ		Щ			•	ļ	ļ						L	•
Power Plant Boilers: Combustion and Operation	Щ								•								$ldsymbol{ldsymbol{ldsymbol{eta}}}$	•
Power Plant Boilers: Normal Operations	Ш	Ш		Щ		\bigsqcup	Щ		•	ļ							$oxed{oxed}$	•
Power Plant Boilers: Startup and Shutdown	Ц			Ш		Щ			•	ļ							igsqcup	·
Power Plant Boilers: Water and Steam	Щ			Щ		Щ			•	_ļ	ļ						<u> </u>	•
Power Plant Efficiency: Problems and Analysis									•								$oxed{oxed}$	•

VECTOR ™ solutions	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	۵	Ľ	Σ	느	Е	Σ	느		٥	F	Ш	I	Δ	Ĕ	Ŭ	щÖ		<u>-</u>
Power Plant Operation: Safety and Pollution Control	Н								•	_							\vdash	\vdash
Power Plant Protection: Boiler and Turbine Protections	Н								•	_	_						┢	H
Power Plant Protection: Fundamentals									•								┢	
Power Plant Protection: Integrated Systems	Н	Ш				Ш			•	\dashv							├	
Power Plant Systems: Condensate and Feedwater Systems	Н					Н				\dashv							⊢	Н
Power Plant Thermodynamics	Н	\vdash				Щ	\dashv		•	_		\dashv		_	Щ		\vdash	•
Power Plant Turbines: Bearings and Operation	Н	Н				$\vdash \vdash$					_						\vdash	Н
Power Plant Turbines: Steam Flow	Н	Н							•		_						\vdash	•
Power Plant: Condensate and Feedwater System	Ш						_			\dashv		_			_		⊢	-
Power Plant: Condenser and Circulating Water	Н								•	\dashv							⊢	\vdash
Power Plant: Power & Energy	Ш								•								⊢	\vdash
Power Plant: Power Generation	Щ	Ш				Ш			•	_	_						⊢	H
Power Plant: Steam Cycle									•								—	-
Power Plant: Steam Systems	Щ			_					•	_							╙	\vdash
Power Quality and Reliability	Ш									•				•		•	▙	╙
Power Supplies	Ш										•			•		•	igspace	•
Powered Industrial Trucks	Щ					Ш				_		•		•		•	╙	\square
Power-Up Your PowerPoint Presentation	Ш					Ш				_			•	•		•	닏	니
Precision Instruments	Щ							•		_							ㄴ	Ľ
Precision Measurement Tools	Ш			•						_							╙	Ľ
Preservación auditiva (Hearing Conservation)	Ш									_		•		•		•	Ь	Ľ
Pressure and Pressure Measurement	Ш					Ш	•	•									ㄴ	L
Pressure Gauges and Calibration, Part 1	Ш						•	•									oxdot	l.
Pressure Gauges and Calibration, Part 2	Щ						•	•		ļ							匚	Ŀ
Pressure Washing Best Management Practices	Ш									_		•				•	匚	Ш
Preventing and Investigating Accidents	Щ					Щ				ļ		•		•		•	ㄴ	Ŀ
Preventing Intersection Collisions - Cross Traffic	Ш									_		•				•	$oxed{oxed}$	Ш
Preventing Intersection Collisions - Rear-ends	Ш					Ш				_		٠				•	╙	Ш
Preventing Intersection Collisions - Turning	Щ									_		•				•	匚	Щ
Preventing Loss of Control Crashes												•				•	匚	Ш
Preventing Mold Growth	Щ													•		•	$oxed{oxed}$	$ \cdot $
Preventing Sideswipe Collisions	Ц	Ш				Ш						٠				•	$oxed{oxed}$	Ш
Preventive Maintenance	Ш					Ш								•		•	$oxed{oxed}$	<u> </u>
Preventive Maintenance Basics	Ц														•	•	$oxed{oxed}$	Ш
Pricing as a Professional	Ш					Ш							•			•	٠	Ŀ
Principles of Heat Transfer	Ш								•								L	<u> </u>
Principles of Semiconductors, Part 1: Bipolar Transistors	Ш										•						$oxed{oxed}$	ŀ
Principles of Semiconductors, Part 2: Bipolar Transistors	Ш										•							•
Problem Solving													•			•		$ \cdot $

VECTOR TO SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	Ā	Lal	Μ	Inc	Ele	Ψ	Ins	Inc	Ъ	Tra	Ele	Ĕ	Pro	Fa	ပိ	Ψ. O	P	Ĕ
Problem Solving Strategies			•	•				•									Ш	•
Procedure Use and Adherence				Ш									•			•	\square	\vdash
Process and Instrumentation Diagrams							•	•									Ш	•
Process Chemistry	!			•									_				Ш	•
Process Control Charts	Ш			Ш			•	•				Щ					Ш	•
Process Control Fundamentals	Н						•	•					_				\sqcup	•
Process Reactor Fundamentals - RCPRF	<u> </u>			•								Щ	_				\sqcup	H
Process Safety Management	Ш			Щ						_		•	_			•	Ш	Щ
Process Safety Management (PSM): 1910.119 Overview and Auditing	Щ			Щ								•	_			•	Ш	<u> </u>
Process Safety Management (PSM): An Overview				Ш								•	_			•	Ш	·
Process Safety Management (PSM): Compliance Audits				Щ								•				•	Ш	·
Process Safety Management (PSM): Contractors	Ш			Ш						_		•	_			•	Ш	L
Process Safety Management (PSM): Emergency Planning & Response	Ш			Ш								•	_			•	Ш	·
Process Safety Management (PSM): Employee Participation	Ш			Щ								•	ļ			•	Ш	·
Process Safety Management (PSM): Hot Work Permits				Ш								•	_			•		·
Process Safety Management (PSM): Incident Investigations				Щ								•				•		Ŀ
Process Safety Management (PSM): Management of Change												•				•	Ш	Ŀ
Process Safety Management (PSM): Mechanical Integrity												•				•		•
Process Safety Management (PSM): Operating Procedures												•				•		·
Process Safety Management (PSM): Pre-Startup Safety Review												٠				•		•
Process Safety Management (PSM): Process Hazard Analysis												•				•		·
Process Safety Management (PSM): Process Safety Information												•				•		·
Process Safety Management (PSM): Trade Secrets												•				•		•
Process Safety Management (PSM): Training												•				•		•
Process Sampling: Obtaining samples	•			•														•
Process Sampling: Testing Samples	•			•														•
Programmable Logic Controllers (PLC's) - Introduction and Theory of Operations							•	•										•
Programmable Logic Controllers (PLC's) - Programming a PLC System							•	•										•
Programmable Logic Controllers (PLC's) - Design and Installation of a PLC System							٠	•										·
Programmable Logic Controllers (PLC's) - Hardware, Inputs, Outputs, Discrete/ Analog							•	•										
Programmable Logic Controllers (PLC's) - Logic Operations							·	•										•
Programmable Logic Controllers: Architecture							•	•]			$ _ $					·
Programmable Logic Controllers: Human-machine Interfaces and Troubleshooting							·	•										·
Programmable Logic Controllers: I/O Communication							$ldsymbol{\cdot}$	•										•
Programmable Logic Controllers: Installing and Maintaining							$ldsymbol{\cdot}$	•										
Programmable Logic Controllers: Introduction to Programming, Part 1							•	•										
Programmable Logic Controllers: Introduction to Programming, Part 2							•	•										
Programmable Logic Controllers: Ladder Logic and Symbology							lacksquare	•										lacksquare

VECTOR* SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	۵	ت	Σ	느	Е	Σ	• -	• -	ď	Ĕ	Ш	エ	۵	Ĕ	Ö	щÖ		<u>-</u>
Programmable Logic Controllers: Networks and Network Troubleshooting	Н			Н			•	•										
Programmable Logic Controllers: Numerics, Part 1	Н			H			•	•	Н			_					┢	H
Programmable Logic Controllers: Numerics, Part 2	Н			Н			•	•				-					\vdash	
Programmable Logic Controllers: Program Entry, Testing, and Modification, Part 1				Н			•	•	Ш			_					┢	
Programmable Logic Controllers: Program Entry, Testing, and Modification, Part 2	H			H			•	•	Н								┢	
Programmable Logic Controllers: Programming Functions, Part 1				Н			•	•				_					\vdash	
Programmable Logic Controllers: Programming Functions, Part 2	Н			Н		Н	•	•	Н	\Box		_					\vdash	H
Programmable Logic Controllers: Troubleshooting Hardware	Н			Н			Ė	_	Н				•	•		•	•	H
Project Management Essentials	Н			Н			Ш					\dashv	_	_			•	H
Project Management Professional (PMP) Certification Prep Package	Н			Н								\dashv		-		•	Ļ	H
Project Management: Professional Techniques	Ш			Н			Н					\dashv		·		•		H
Project Risk Management	Н			Н			Ш					\dashv		•		•	\vdash	H
Project Team Management	Н			Н					Н			•		•	-	•	⊢	
Protección contra caídas (Fall Protection)	Н			Н					Ш			-		·		•		H
Protección respiratoria (Respiratory Protection)	Н			Н			\vdash			-		-		•	-	•	⊢	
Protecting People Against Terrorist Attacks: Chemical, Biological, and Radiological (CBR) Threat Protection																		Ш
Protecting People Against Terrorist Attacks: Design Considerations for Safe Rooms and Shelters														•		•		
Protecting People Against Terrorist Attacks: Structural Design Criteria	Ш			Ш										•		•		Ŀ
Protecting Water Systems Through Backflow Prevention	Ш			Ш					Ш					•		•	$oxed{oxed}$	
Protecting Your Team Against Workplace Violence	Ш			Ш								•	•	•		•	igsqcup	
Protection Against Malware	Ш			Щ								_	•	•		•	$oxed{oxed}$	
Protective Devices, Measures, and PPE								•										
Prueba de ajuste correcto del equipo de respiración (Respirator Fit Testing)				Щ								•		•		•	ļ_	Ŀ
Pump Basics				Ш				•										
Pump Types and Applications				Ш				•										
Pumping Stations - Piping, Valves and Hydraulics	•			·		٠		•						•		•		
Pumping Stations - Pumps, Motors and Electrical Systems	•			•		٠		•						•		•		
Pumps: Basic Types and Operation	•			•		•		•	•									·
Pumps: Fundamentals of Centrifugal Types				Ш		•		•						•		•		•
Pumps: Multistage Centrifugal				Ш		٠		•						•		•		·
Pumps: Operation of Centrifugal Types				Ш		•		•						•		•		Ŀ
Pumps: Performance and Inspection	Ш					•		•						•		•		
Pumps: Reciprocating Positive Displacement Types	\square			\bigsqcup		•		•						•		•		•
Pumps: Rotary Positive Displacement Types						•		•						•		•		
Quality Control and Assurance	\Box	•		•														
QuickBooks Essentials 2013	\Box												•	•		•		
R & D Chemical Hygiene	\Box			oxdot								•				•	$oxedsymbol{oxedsymbol{oxed}}$	•
R & D Waste Management												•				•		·

VECTOR SOLUTIONS Course Title	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Raceways		러		\vdash	•		_	•				_	_	•		•	H	-
Radiation Safety		Н									\dashv	•	\dashv			•	H	Н
Radio Operation, Hardware, Telephone Systems, and Electromagnetic Waves	Н	Н		Н				•			\dashv		\dashv				H	
Radio Technology	Н			Н				•									Н	
Rail Yard Operations	Н			Н					•								Н	
RCRA - Emergencies, Inspections, and Training	Н			Н							\dashv	•	\dashv			•	Н	П
RCRA - Generator, Container, and Tank Requirements		П									\dashv	•	\dashv			•	\Box	П
RCRA - Introduction	Н											•				•	H	П
RCRA - Preparing for Transportation, Manifesting, and LDR	П			П								•				•	Н	П
RCRA - Special Wastes and Other Requirements	П			П								•				•	П	П
RCRA Emergency Response	П			П								•		•		•	П	1
RCRA Generators											\dashv		寸	•		•		•
Reading and Understanding Schematics	П				•			•						•		•	П	•
Reading Electrical Diagrams, Part 1					•			•						•		•		1
Reading Electrical Diagrams, Part 2				П	•			•						•		•		$\overline{\cdot}$
Reading Electrical System Diagrams, Part 1				П						•								$\overline{}$
Reading Electrical System Diagrams, Part 2										•								\Box
Realizing Energy Savings	•			•	•			•						•		•		
Reasonable Suspicion of Alcohol for Supervisors													•			•		
Reasonable Suspicion of Drugs and Alcohol for Supervisors												•	•			•		$\overline{}$
Reasonable Suspicion of Drugs for Supervisors													•			•		\Box
Reciprocating Compressors, Part 1						•		•						•		•		
Reciprocating Compressors, Part 2						•		•						•		•		$ \cdot $
Reducing Risk: Preparing to be an Expert Witness in a Deposition and Trial													•			•		•
Refining Basics	•			•														·
Refrigerant Management															•	•		Ш
Refrigeration - Compressors, Valves and Piping	•			•		•		•						٠		•		
Refrigeration - Refrigerant Properties	•			•		•		•						•		•		
Refrigeration - Refrigerant Selection	•			·		•		•						٠		•		$ \cdot $
Refrigeration - System Components	•			•		•		•						•		•		
Refrigeration - System Troubleshooting	·	Щ		·		•		•						•		•	Ш	
Refrigeration - Vapor-Compression Cycle	•	Щ		•		•		•						•		•		
Refrigeration Basics	Щ	Щ		Щ		Щ					ļ	_	ļ		•	•	Ш	Щ
Refrigeration Components	Щ	Щ		Щ							ļ		ļ		•	•	Ш	Щ
Refrigeration System: Operation	Щ	Щ		Щ		•		•						•		•	Ш	
Refrigeration Systems, Part 1	•	Щ		·							ļ		ļ				Ш	
Refrigeration Systems, Part 2	•	Щ		•		Щ					_	_	_		Щ		Ш	
Refrigeration Systems: Basic Concepts	Щ	Щ		Щ		•		•			_	_	_	•		•	Ш	•
Refrigeration Theory				Ш											•	•		Ш

VECTOR* SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	Prc	Lak	Ma	lnd	Ele	Σ	Ins	lnd	Po	Tra	Ele	ΤĚ	Pro	Fac	Ő	S Fac	Pro	lnd
Rehabilitation of Water Distribution Systems: Current Technologies	Ш													•		•	$oxedsymbol{oxed}$	Ŀ
Rehabilitation of Water Distribution Systems: Designing Renewal Projects	Щ			Щ									_	•		•		Ŀ
Rehabilitation of Water Distribution Systems: Selecting Rehab Methods														•		•		•
Relay Basics and Types	Щ			Щ				•									<u> </u>	
Reliability Centered Maintenance	Ш			Ш									_		•	•		Щ
Reliability Engineering Essentials	Щ		•	•				•			ļ		ļ	•		•	<u> </u>	•
Reliability Engineering Fundamentals	Щ	Щ		Щ			Ш		Щ		_	_	_	•		•	igspace	Щ
Reliability Essentials for Operators and Technicians	Ш		•	•				•						•		•		Ŀ
Remote and Analog Inputs and Outputs	Щ			Щ				•				_	ļ				<u> </u>	Ŀ
Resistors	Ш			Ш	•			•				_	_	•		•		Ŀ
Resource Conservation Recovery Act (RCRA): Hazardous Waste Training Requirements												•				•		
Respirator Basics												•				•		Ш
Respirator Fit Testing (BBRFT00CEN)												•		•		•		•
Respirator Medical Evaluation and Fit Testing												•				•		
Respirators - Voluntary Use												•				•		
Respiratory Protection												•		•		•		•
Rewarding Peak Performers													•			•	•	·
RFID Applications								•										•
RFID Basics								•										•
RFID Implementation								•										·
RFID Readers								•										·
RFID Tags								•										•
Rigging for High Voltage Line Work										•								•
Rigging, Part 1										•				•		•		•
Rigging, Part 2										•				•		•		·
Rigging: Basic Lifting				•								٠		•		•		·
Rigging: Ladders and Scaffolds				•								•		•		•		·
Robotics	Ш	•		•														·
Rolling Contact Bearings, Part 1						•		•						•		•		·
Rolling Contact Bearings, Part 2	Ц	Ш		Щ		•		•	Ш					•		•	$oxedsymbol{oxed}$	·
Safe Bucket Truck Operations	Ш			Ш						•								·
Safe Forklift Operation	Ш			Щ								•		•		•	$oxedsymbol{oxed}$	Ŀ
Safe Lifting	Ш	Ш		Ш					Ш			•		•		•	$oxedsymbol{oxed}$	Ŀ
Safe Work Permits	Ц			Щ								•		•		•	$oxedsymbol{oxed}$	
Safety - An Introduction (General Industry)	Ш]	•		•		•	L	Ŀ
Safety and Health - Advanced	Ш											•				•		Ш
Safety and Health - Basic	Ш			Щ								•				•	$oxedsymbol{oxed}$	Ш
Safety Data Sheets (BBSDS00CEN)												•		•		•	L	•

VECTOR* SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	ď	٣	Σ	드	EI	Σ	ч	드	ď	Ė	Ш	-		_	ŏ	ıï ŏ	۵	-
Safety for Office Personnel				Н		Н				•	_	•	•	•		•	⊢	
Safety in Overhead Line Maintenance						Н				-		-					┢	H
Safety in Substations and Switchyards	<u> </u>									•							H	
Safety in Transmission and Distribution Maintenance	<u> </u>			Н						•	\dashv	_	_				┢	
Safety in Underground Line Maintenance				Н		Н	-	\dashv		-	\dashv	•	\dashv	•	_	•	⊢	
Safety Management				Н			Н			-	\dashv	•		_		•	\vdash	H
Safety Management: Barrier Analysis				Н		Н	-		_	\dashv	\dashv	•	\dashv	_	-	•	⊢	Н
Safety Management: Change Analysis Safety Management: Emergency Action Plans												•				•	\vdash	Н
				Н		Н				-	\dashv	•	\dashv			•	\vdash	Н
Safety Management: Events and Causal Factors Analysis Safety Management: Floor and Walkway Safety and Auditing				H			\vdash				\dashv	•				•	H	Н
Safety Management: Hot Work Permit	\vdash			Н		Н				\dashv	\dashv	•	\dashv			•	一	Н
Safety Management: Incident Investigation	\vdash			Н								•				•	\vdash	Н
Safety Management: Industrial Hygiene Basics				Н								•	\dashv			•		Н
Safety Management: Job Hazard Analysis				Н						\dashv	\dashv	•	\dashv			•	一	Н
Safety Management: Medical and Exposure Records Access				Н						\dashv		•				•	Н	Н
Safety Management: Near Miss Best Practices				Н								•				•		Н
Safety Management: OSHA Recordkeeping				Н		П					\dashv	•	\neg			•	М	Н
Safety Management: Root Cause Analysis				Н								•				•		Н
Safety Management: Root Causes of Human Behavior				Н							\dashv	•	\neg			•	\vdash	Н
Safety Management: Safety Inspections and Observations				H							\dashv	•				•		П
Safety Management: Slip, Trip, and Fall Prevention Inspections				П								•				•		П
Safety Management: Task Analysis				П							\exists	•				•		П
Safety Showers and Eye Washes				П								•				•		П
Safety Valves				П		•		•			\dashv			•		•		1
Safety: Basics				П		•		•				•	T	•		•		•
Safety: Electrical	İ			П	•			•		T			T	•		•	Г	•
Safety: Electrical Part 1 - Fundamentals, Materials & Equipment Grounding												•		•		•		1
Safety: Electrical Part 2 - Hazardous Location, Clearances & Safety Practice (RV-10744)												•	Ì	•		•		•
Safety: Fire Part 1 - Workplace Fire Hazards & Preventing Fires											T	•		•		•		•
Safety: Fire Part 2 - Fire Protection Equipment & Techniques												•		•		•		•
Safety: Machine Operation											Î	•				•		•
Safety: Material-Handling												•		•		•		oxdot
Safety: Trades												•				•		
Safety: Welding Part 1 - Gas Cylinders & Oxy-fuel Systems												•		•		•		
Safety: Welding Part 2 - Equipment Use & Welder Protection												•		•		•		
Safety: Working with Chemicals												•		•		•		
Sample Preparation	$oxedsymbol{oxed}$	•		•]						
Scanning and Tracking Overview			•	•				•										•

VECTOR* SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	ď	Ľ	Σ	드	Ш	Σ	Ч	<u>ا</u>	ď	<u> </u>	Ш	Ĭ	ď	ц	Ŭ	шŏ	ď	\vdash
SCRs and Troubleshooting		Щ				•	-	•	\blacksquare	-	_	\dashv		•	_	•	_	•
Seals: Gaskets and Packing						Ľ		Ě	Н		_	_	•	•		•		
Secrets of the Office Guru												•		•		•		
Seguridad a la hora de conducir (Driving Safety)				Н							_	•		•	_	•	_	•
Seguridad contra incendios (Fire Safety)		Н		Н	-	Н	-		\dashv	\dashv	_	•		•		•	┢	
Seguridad para la espalda (Back Safety)				Н			Н					•		•		•		•
Seguridad: Conceptos básicos (Safety: Basics) Selection, Specification and Installation of Safety and Security Barriers and Bollards		Н		Н	Н	Н		Н	Н		_	_		•	_	•		•
													•			•		•
Self-checking (STAR) Senior Living Facility Guidelines for Cost Management and Financing				Н								\dashv						-
Separation and Isolation of Materials		-			Н	Н		Н	\dashv	\dashv	_	\dashv					\vdash	
Series and Street Lighting		Н		Н		Н			Н	•							┢	
Series Circuits	H	Н		Н	•	Н		•	-		_	_		•		•		
Series Circuits Series-Parallel Circuits					•			•						•		•		-
Service Installation				Н						•							\vdash	•
Setting and Replacing Poles										•								
Set-Up of Engineering Controls for Mold Remediation Projects												\dashv		•		•		•
Seven Basic Quality Tools													•			•		•
Sexual Harassment Awareness				П									•			•		•
Sexual Harassment Prevention for Employees (AB1825 & AB2053)	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
Sexual Harassment Prevention for Managers (AB1825 & AB2053)	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
Sexual Harassment Prevention: Quick Refresh	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
Sexual Harassment: Respecting the Individual				П									•			•		•
Shaft Alignment, Part 1						•		•						•		•		•
Shaft Alignment, Part 2						•		•						•		•		•
Shaft Alignment: Reverse Dial and Laser						•		•						•		•		•
Shaft Alignment: Rim and Face						•		•						•		•		•
Sharing the Road with Pedestrians and Cyclists												•				•		
Shoulder Injury Prevention												•				•		П
Silicon-controlled Rectifiers (SCRs) and TRIACs											•							•
Single-Phase AC Induction Motor Maintenance					•			•						•		•		•
Site Utility Design: Commercial Buildings														•		•		
Skype for Business Essentials													•	•		•		
Sliding Surface Bearings, Part 1						·		·						•		•		•
Sliding Surface Bearings, Part 2				$oxedsymbol{oxed}$		•		•						•		•		
Slips, Trips, and Falls												•				•		\square
Smart Business Writing: 4 Stages to Writing Your Best		Ш		Ш		Ш	Ш		Ш				•	•		•	L	
Smart Business Writing: Emails & Technical Proposals (RV-PGM139)		Ц		Щ					Ш				•	•		•		
Smart Business Writing: How to Write Powerful & Persuasive Emails													•			•		•

VECTOR TO SOLUTIONS	Process Operations	Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	Pro	Lab	Mai	Indi	Elec	Mec	Inst	Indi	Pov	Trar	Elec	Нез	Pro	Fac	Cor	Fac	Pro	Ind
Smart Business Writing: Short, Sweet and To-the-Point Reports													•	•		•		•
Smart Business Writing: Tackling the Technical Proposal													٠	•		•	L	Ŀ
Smart Business Writing: Writing Effective Emails													٠	•		•	•	•
Smart Certificate: A Comprehensive Sales Program													٠			•		·
Smart Customer Service 1: Courtesies, Attitude, and Ethics													٠	•		•	L	Ŀ
Smart Customer Service 2: Listening for Understanding													٠	•		•		·
Smart Customer Service 3: Effective Verbal and Nonverbal Communication													٠	•		•	•	Ŀ
Smart Customer Service 4: 3 Steps to Successful Customer Interaction													٠	•		•		•
Smart Customer Service 5: Handling Customer Complaints													•	•		•		·
Smart Customer Service: Courtesies, Listening for Understanding for Successful Customer Interaction (RV-PGM140)													•	•		•		
Smart Finances: Creating a Budget that Works for You													•			•		•
Smart Health: Best Practices to Help You Quit Smoking													٠			•		•
Smart Health: Bloodborne Pathogens												•	•	•		•		·
Smart Health: Child Nutrition - How to Avoid/Prevent Childhood Obesity													٠			•		·
Smart Health: Drinking Responsibly													•			•		·
Smart Health: Eating Right													٠			•		•
Smart Health: HIPAA Privacy Standards for Everyone													٠			•		·
Smart Health: Managing Your Cholesterol and Blood Pressure													٠			•	L	·
Smart Health: Physical Fitness - Choosing an Exercise Plan That's Right for You													٠			•		·
Smart Health: Proper Posture and Breathing	Ш			Ш									٠			•	$oxed{oxed}$	Ŀ
Smart Health: Sleeping - How to Ensure You Are Well-Rested & Energized													•			•	匚	
Smart Health: Yoga & Meditation - Finding your Inner Chi													•			•		·
SMART Instrumentation in Biological and Chemical Treatment	Ш			Ш			٠	•						•		•	L_	
Smart Leadership: Leaders, Model the Way (RV-PGM141)	Щ			Ш									•			•	匚	·
Smart Leadership: Leadership Qualities (PGM142)				Ш						_			•			•	匚	Ŀ
Smart Leadership: Part 1 - What Leaders Do	Ш			Ш		Ш				_		Щ	٠	•		•	╙	Ŀ
Smart Leadership: Part 2 - Model the Way	Ш			Ш									•	•		•	<u> </u>	Ŀ
Smart Leadership: Part 3 - Inspire a Shared Vision	Ш			Ш		Ш			Ш	_		\Box	•	•		•	$ldsymbol{f eta}$	
Smart Leadership: Part 4 - Challenge the Process				Ш									•	•		•	$oxed{oxed}$	
Smart Leadership: Part 5 - Enable Others to Act	Ш			Ш		Ш						Щ	•	•		•	$oxed{oxed}$	
Smart Leadership: Part 6 - Encourage the Heart	Ш			Ш		Ш							•	•		•	oxdot	·
Smart Management: Business Essentials	Щ			Щ					Щ			Щ	•	•		•	•	Ŀ
Smart Management: Coaching for Better Performance	Щ			Щ		Щ			Щ	_		Щ	•	•		•	٠	Ŀ
Smart Management: Data Security	Щ			Щ		Щ			Ш			Щ	•	•		•	•	Ŀ
Smart Management: Discrimination in the Workplace for Managers	Щ	Ш		Щ		Щ	Ш		Щ			Щ	•	•	Щ	•	igspace	Ŀ
Smart Management: Effective Performance Review Practices	Щ			Щ		Щ							•	•		•	igspace	
Smart Management: Equal Employment Opportunity and Diversity for Managers	Щ			Щ		Щ							•	•		•	<u> </u>	-
Smart Management: Getting the Most out of a Multigenerational Workforce													•	•		•	•	•

VECTOR* SOLUTIONS	Process Operations	b Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	ğ	Lab	Σ	Ĕ	Ele	Σ	<u>n</u>	lnc	9	Tr	Ē	포	Pro	Fa	ပိ	щ S	Ā	Ĕ
Smart Management: Hiring the Right Talent - Customer Service		_		Ш						_			•	<u>•</u>		•	•	•
Smart Management: Hiring the Right Talent - Sales				Ш									•	_		•	<u> </u>	
Smart Management: How to Handle Workplace Challenges											_		•	•		•	•	
Smart Management: Key Skills for Managing & Coaching Your Team				Ш		Ш							•	•		•	•	
Smart Management: Lawful Employee Discipline	Щ			Ш						_		\square	•	•		•	igspace	Ľ
Smart Management: Lawful Employee Discipline and Managing a Geographically Distributed Workforce (RV-PGM146)													•			•		
Smart Management: Lawful Hiring Practices													٠	•		•		·
Smart Management: Lawful Termination Practices	Ш			Ш									٠	•		•		Ŀ
Smart Management: Managing a Geographically Distributed Workforce													٠	•		•		·
Smart Management: Methods for Motivating and Mentoring Your Team													•	•		•	•	·
Smart Management: SMART Goals - Setting Effective Targets for Success													٠	•		•	•	•
Smart Management: Successfully Transitioning from Team Member to Manager													•	•		•	•	·
Smart Management: The Art & Science of Delegation	Ш			Ш									٠	•		•	•	·
Smart Mental Health: Core Values and Finding a Purpose in Life	Ш												٠			•		Ŀ
Smart Mental Health: Goal Setting and Visualization Techniques													٠			•		·
Smart Mental Health: Happiness is a Choice - Keys to Living a Joyful Life	Ш			Ш									٠			•		·
Smart Mental Health: Keys to Successful Parenting				Ш									•			•		
Smart Mental Health: Managing Anger and Emotions	Ш			Ш									٠			•		
Smart Mental Health: Mastering Marriage	Ш												٠			•		·
Smart Mental Health: Reducing Stress and Anxiety	Щ			Ш									٠			•		·
Smart Mental Health: Surviving and Thriving After Divorce	Щ												•			•		
Smart Office: Excel 2007 Essential Training													٠			•		·
Smart Office: Excel 2007 Essential Training II	Ш			Ш									٠			•		Ŀ
Smart Office: Excel 2010 Essential Training	Ш												٠	•		•		·
Smart Office: Excel 2010 Essential Training II	Щ			Ш									٠	•		•		·
Smart Office: Excel 2013 Essential Training I	Щ												•	•		•		
Smart Office: Excel 2013 Essential Training II	Щ									ļ			•	•		•	igsqcup	
Smart Office: Outlook 2007 Essential Training	Щ									_			•	•		•	$oxed{oxed}$	·
Smart Office: Outlook 2007 Essential Training II	Щ			Ш									•			•	L	Ŀ
Smart Office: Outlook 2010 Essential Training	Щ											Щ	•	•		•	$oxed{oxed}$	Ŀ
Smart Office: Outlook 2010 Essential Training II	Щ			Щ									•	•		•	\bigsqcup	
Smart Office: Outlook 2013 Essential Training	Щ			Щ	Ш								•	•		•	<u> </u>	
Smart Office: Powerpoint 2007 Essential Training	Щ			Щ		Щ				_		Щ	•	•		•	$oxed{oxed}$	Ŀ
Smart Office: Powerpoint 2007 Essential Training II	Щ			Щ								Щ	•	•		•	igspace	
Smart Office: Powerpoint 2010 Essential Training	Щ	Щ		Щ		Щ						Щ	•		Щ	•	igspace	
Smart Office: Powerpoint 2010 Essential Training II	Щ			Щ									•	•		•	igspace	
Smart Office: PowerPoint 2013 Essential Training	Щ												•	•		•	igspace	•
Smart Office: Word 2007 Essential Training													•			•		•

VECTOR* SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	ğ	Гэ	Σ	드	Ш	Σ	Ë	Ē	Ъ	卢	ш	Ĭ		_	ŏ		Δ	\vdash
Smart Office: Word 2007 Essential Training II	Н					Н			-	\dashv	_	\dashv	•	•		•	⊣	•
Smart Office: Word 2010 Essential Training	Н	\vdash		L			\vdash		-	\dashv	_	\dashv	_	•		•	H	
Smart Office: Word 2010 Essential Training II	Н								-	\dashv		\dashv	•	$\dot{\cdot}$		•	$\vdash\vdash$	
Smart Office: Word 2013 Essential Training I	Н	Ш					Ш			\dashv	_		\vdots	·		•	⊣	
Smart Office: Word 2013 Essential Training II	Н									\dashv	_	\dashv	\vdots	•		•	$\vdash\vdash$	
Smart Quality: Building Quality Awareness	Н					Н			-	\dashv	_	\dashv		•		•	⊣	
Smart Quality: Process Improvement	Н	Н				Н	\vdash		\square	_	\dashv		•			•	$\vdash \vdash$	Н
Smart Quality: Systematic Problem Solving	Н	Н				Н	Н			_	\dashv	_	•	•		•	$\vdash \vdash$	
Smart Safety: Safe Driving	Ш											•	•	<u> </u>	_		\sqcup	-
Smart Sales 1: Understanding the Psychology of Sales	Ш									\dashv	_	\dashv	•			•	Ш	
Smart Sales 2: Identifying the Decision Maker & Setting Appointments	Щ									_	_	_	•			•	Ш	
Smart Sales 3: Securing Appointments & Advancing the Sale	Ш										_	_	•			•	Ш	Ľ
Smart Sales 4: Overcoming Objections & Closing the Sale												_	•			•	Ш	
Smart Sales 5: Business-to-Business Sales	Ш								Ш	_		_	•			•	Ш	-
Smart Sales 6: The Sales Cycle	Ш								Ш	_		_	•			•	Ш	Ľ
Smart Sales: Advanced Tele-Prospecting - Closing the Call	Ш										_		•			•	Ш	•
Smart Sales: Advanced Tele-Prospecting - Creating Opening Statements	Ш									_		_	•			•	Ш	Ľ
Smart Sales: Advanced Tele-Prospecting - Dealing With Dismissive Objections										_			•			•	Ш	
Smart Sales: Advanced Tele-Prospecting - Follow-up Strategies and Tactics	Ш									_			•			•	Ш	
Smart Sales: Advanced Tele-Prospecting - Getting Past Gatekeepers	Ш									_			•			•	Ш	
Smart Sales: Advanced Tele-Prospecting - Handling Smokescreen and Authentic Objections													•			•		
Smart Sales: Advanced Tele-Prospecting - Overview and Pre-Call Planning													٠			•		<u> </u>
Smart Sales: Advanced Tele-Prospecting - Presenting an Offer													٠			•		Ŀ
Smart Sales: Advanced Tele-Prospecting - Qualification and Questioning													•			•		Ŀ
Smart Sales: Advanced Tele-Prospecting - Using Email in the Tele-Prospecting Process													•			•		•
Smart Time Management: 7 Steps to Regaining Control of Your Day													•	•		•		·
Smart Time Management: The 80/20 Rule for Making Every Minute Count													•			•		$oxed{\bullet}$
Smart Workplaces: Code of Conduct - Ethics Education & Social Media Guidelines													•			•		•
Smart Workplaces: Designing Safe Workspaces & Preventing Injury												•	•	•		•		•
Smart Workplaces: Optimizing LinkedIn for Sales Prospecting and Business Networking (ST-0146)													•			•		$ \cdot $
Smart Workplaces: Preparing for a Pandemic Flu Outbreak												•	•			•		•
Smart Workplaces: Putting Your People First - Personnel Administration	П												•	•		•	П	
Smart Workplaces: Responsible Social Media for Team Members	П												•			•		•
Smart Workplaces: Sexual Harassment Prevention for Field Managers & Supervisors, California AB 1825 and all 50 States													•			•		
Smart Workplaces: Sexual Harassment Prevention for Office Managers & Supervisors, California AB 1825 and all 50 States													•			•		
Smart Workplaces: Sexual Harassment Prevention for Team Members													•	•		•		

VECTOR* SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	ď	La	ž	ŭ	E	ž	Ë	Ĕ	P	Ţ	ă	Ĭ	Ā	Е	Ö	<u> </u>	ď	Ĕ
Smart Workplaces: Sexual Harassment Prevention Overview for Team Members (ST-0159)																•		
Smart Workplaces: Understanding the Family Medical Leave Act (FMLA) (ST-0158)													•			•		•
Smart Workplaces: Webinars - Conducting a Web-based Presentation (ST-0145)													•			•		•
Sources of Electricity, Part 1					•			•						•		•		$ \cdot $
SPCC Inspections												•				•		
SPCC Run-On and Runoff												•				•		
SPCC Secondary Containment												•				•		
Specialized Electronic Devices											•							$ \cdot $
Speed and Space Management												•				•		
Spill Prevention Control and Countermeasure (SPCC) Plans												•				•		$ \cdot $
Spill Prevention, Control, and Countermeasures												•				•		
Stackers									•									•
Statistical Process Control, Part 1	$ \cdot $			•														$ \cdot $
Statistical Process Control: Basic Control Charts	•			•														$ \cdot $
Statistical Process Control: Introduction	•			•														•
Statistical Process Control: Process Variations	•			•														$ \cdot $
Staying Current - Energy Codes and Sustainability Trends														•		•		•
Steam & Condensate Systems I														•		•		$ \cdot $
Steam & Condensate Systems II														•		•		$ \cdot $
Steam Boilers															•	•		
Steam Pipe Safety												•				•		
Steam Turbines	•			•														•
Steel Erection Safety	П											•				•		П
Stop When Unsure													•			•		$oldsymbol{\cdot}$
Storage and Handling of Combustibles												•				•		
Storage and Handling of Corrosives												•				•		
Storage and Handling of Flammables												•				•		
Storage and Handling of Pesticides												•				•		
Storm Water Management: Storm Water Pollution Prevention Plan (SWPPP)												•		•		•		$ \cdot $
Stormwater Pollution Prevention												•				•		
Strategies for Implementing NFPA 70E®												•		•		•		•
Stress & Change Management for Design and Construction Professionals													•			•		•
Stress Management and Prevention													•			•		
Substance Abuse Awareness													•			•		
Substations and Switchyards										•								•
Successful Hiring													•			•	•	
Successful Negotiation													•			•	٠	•
Successful Termination													•			•	•	$oxed{\cdot}$

VECTOR SOLUTIONS Course Title	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
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Supported Scaffold Safety Suspensión de cargos: Escalarse y andomics (Disging: Ladders and Scaffolds)	Н	-		Н			-			\dashv	\dashv	\dashv	ᅱ	•	-	•	$\vdash\vdash$	\blacksquare
Suspensión de cargas: Escaleras y andamios (Rigging: Ladders and Scaffolds) Suspensión de cargas: Levantamiento básico (Rigging: Basic Survey)	Н	_		Н		Н	_		Н		\dashv	-	\dashv	•	_	•	H	H
Sustainable Building Technology	Н			Н					Н			\dashv		•		•	Н	\Box
Symbols, Standards, and Schematics	Н	\vdash		•			•	•			\dashv	\dashv	러		-		$\vdash\vdash$	H
Synchronous Motor and Controller Maintenance	Н			Н	•		_	•	-	\dashv	\dashv	\dashv	\dashv	•		•	\vdash	H
,	Н			Н						•	ㅓ	-	ㅓ				\vdash	H
System Protection and Monitoring Table Saw Basics	Н			Н				•			\dashv		\dashv				H	H
	Н							•									Н	
Table Saw Operations	Н	Ш		Н			Ш				\dashv	\dashv	•			•		
Tactical Time Management: An Advanced Course Tanker Rollover	Н			Н							_	•				•	H	H
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TDLR TEST Basic Electricity I	Н	Н		Н			Н	•	-		\dashv	\dashv	\dashv	_			H	H
Temperature and Light Sensors	Н						•	•									Н	H
Temperature and Temperature Measurement, Part 1	Н			Н			•	•	-		\dashv	\dashv	-				Н	
Temperature and Temperature Measurement, Part 2	Н			Н						•	_						Н	H
Temporary Structures				Н							\dashv	-	\dashv	•		•	H	H
Texas Electrician 4 Hour CE Program #3	Н	Н		Н			Н		Н	\dashv	\dashv	•	\dashv	•			Н	H
Texas Electrician 4 Hour CE Program #4	Н		•	•				•									Н	
The 5S System: 5S for Safety - New Eyes for the Shop Floor	Н	-	•	•			-	•			\dashv	\dashv	\dashv	_	_		Н	-
The 5S System: An Introduction to 5S	Н		•					•		\dashv	\dashv	\dashv	\dashv				$\vdash\vdash$	H
The 5S System: Set in Order and Shine	Н	\vdash	•	•			\vdash	•		\dashv	\dashv	\dashv	\dashv	_	-		$\vdash\vdash$	
The 5S System: Standardize and Sustain	Н	\vdash	•	H			\vdash	•	-	-	\dashv	\dashv	\dashv		-		Н	H
The SS System: Workplace Scan and Sort	Н		_	H				$\dot{-}$	\dashv	_	\dashv	\dashv	•			•		
The Change Process	Н	\vdash		Н			\vdash				\dashv	•	┥	_	\dashv	•	H	-
The Hazards of Oxygen and Oxygen Enrichment	Н	\vdash		Н			\vdash			\dashv	\dashv	Ť	\dashv	•		•	H	H
The Principles and Implications of the International Energy Conservation Code (IECC) v2012																		Ц
The Risk of Misclassification of Employees & Essentials of I-9 Compliance (RV-PGM144)													•			•		
The Safe Lab Environment		·		•										•		•		
The Science of Mold														•		•		
The Ultimate Project Manager, Chapter 01: Today's Project Manager														•		•		·
The Ultimate Project Manager, Chapter 02: Marketing And Proposals														•		•		Ŀ
The Ultimate Project Manager, Chapter 03: The Contract Agreement	Ш													•		•	\square	·
The Ultimate Project Manager, Chapter 04: The Project Management Plan	\bigsqcup													•		•		
The Ultimate Project Manager, Chapter 05: The Project Schedule	Ш			\bigsqcup										•		•	\square	
The Ultimate Project Manager, Chapter 06: The Project Budget	\square													•		•	\square	·
The Ultimate Project Manager, Chapter 07: Leading The Project Team	\square													•		•		
The Ultimate Project Manager, Chapter 08: Managing Client Relationships	Ш			Ш							[•		•	$oxed{oxed}$	
The Ultimate Project Manager, Chapter 09: Developing Effective Communications														•		•		·

VECTOR ™ solutions	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	Δ̈́	Га	Σ	드	Ш	Σ	<u> </u>	Ē	A	Ļ	ш	Ĭ	ď	_	ŭ		Δ̈́	-
The Ultimate Project Manager, Chapter 10: The Project Startup													_	•		•	\square	•
The Ultimate Project Manager, Chapter 11: Managing Your Time	Н			Ш		Н			-		_	\dashv	\dashv	•		•	$\vdash\vdash$	•
The Ultimate Project Manager, Chapter 12: Managing Project Studies And Reports	Н			Н		Н			-			\dashv	\dashv	\vdots		•	$\vdash\vdash$	
The Ultimate Project Manager, Chapter 13: Managing Design And Construction Phases																•		
The Ultimate Project Manager, Chapter 14: Managing Project Quality	Щ													·		•	$oxed{oxed}$	
The Ultimate Project Manager, Chapter 15: Managing Project Risks													┙	•		•	Ш	·
The Ultimate Project Manager, Chapter 16: Project Financial Management				Щ		Щ								•		•	Ш	
The Ultimate Project Manager, Chapter 17: Project Management And Design Technology														•		•		$ \cdot $
The Ultimate Project Manager, Chapter 18: Monitoring And Controlling The Project														\cdot		•		$ \cdot $
The Ultimate Project Manager, Chapter 19: Project Closeout														•		•		•
The Ultimate Project Manager, Chapter 20: Alternative Project Delivery Methods														·		•		•
The Ultimate Project Manager, Chapter 21: A/E Project Management Benchmark Data														•		•		•
The Ultimate Project Manager, Series Summary: The Short and Sweet Version														•		•		•
The WELL Building Standard														٠		•		•
Three-Phase AC Induction Motor Maintenance	Ш				•			•						٠		•		·
Three-Phase Theory, AC Circuits, Delta and Wye Connections								•										
Total Productive Maintenance: Introduction	Ш		•	·		Ш		•										
Total Productive Maintenance: Overall Equipment Effectiveness			•	•				•					_				Ш	·
Total Productive Maintenance: Predictive Maintenance			•	•				•					_				Ш	
Total Productive Maintenance: Preventive Maintenance			•	•				•					┙				Ш	·
Toxic Mold Detection, Prevention, & Remediation	Щ			Щ		Щ								•		•	Ш	
Toxic Mold: Managing the Legal & Insurance Risks	Ш			Ш								•		•		•	Ш	
Toxic Substance Control Act (TSCA) Compliance				Ш													Ш	·
Transformer Connections, Part 1	Ш			Ш		Ш				•			_				Ш	
Transformer Connections, Part 2				Ш						•			_					
Transformer Maintenance					•			•					_	<u> </u>		•	Ш	
Transformer Troubleshooting				Ш						•			_					
Transformers	Ш			Щ	•	Ш		•	\Box					•		•	Ш	•
Transformers, Breakers, and Switches				Щ	•			•					_	•		•	Ш	
Transistor Amplifiers	Ш			Щ					Ш		•		_				\square	•
Transistor Configurations	\square										•		_				\bigsqcup	-
Transistor Oscillators	\square			igspace		Щ			Ш	_	•		_		_		\sqcup	
Transistor Principles	Н			igsqcup							•		_				Ш	•
Transmission	Ш			igdash						•			_		_		\sqcup	•
Transmission and Distribution: Distribution Line Installation and Removal	Ш			Щ						•	_		_	•		•	Ш	•
Transmission and Distribution: Distribution Line Replacement	\vdash									•			_	•		•	\sqcup	•
Transmission and Distribution: Focus on Distribution	Ш					Ш				•				•		•	Ш	•

VECTOR* SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	Ą	La	Σ	Inc	Ek	Σ	lns	Inc	Ъ	-	Ë	Ξ	Pr	_	ပိ		ğ	\vdash
Transmission and Distribution: Framing Specifications and Basic Construction Diagrams										•				•		•		
Transmission and Distribution: Introduction to Transmission and Distribution Systems										•				•		•		
Transmission and Distribution: Overhead Distribution Systems	Щ			Щ						•				•		•	Ш	
Transmission and Distribution: Service Installation	Ш			Ш						•				•		•	Ш	
Transmission and Distribution: Substations and Switchyards										•				•		•		
Transmission and Distribution: Transmission Line Safety	Ш			Ш						•				٠		•		
Transmission and Distribution: Underground Residential Distribution Systems										•				•		•		·
Transmission and Distribution: Working on Distribution Poles										•				•		•		$ \cdot $
Transmission Line Installation										•								Ŀ
Transmission Line Repair - Bare Hand Method										•								Ŀ
Transmission Line Repair - Hot Sticks										•								Ŀ
Transmission Line Safety										•								Ŀ
Transmission Structures										•								Ŀ
Transporting Hazardous Materials												•				•		·
Treating and Sulfur Recovery Operations	•			•														•
Tree Trimming, Part 1										•								•
Tree Trimming, Part 2										•								•
Trenching and Excavation Safety												•				•		
Trenching and Excavation Soil Properties												•				•		
Triethylaluminium Safety Awareness												•				•		•
Trippers									•									·
Troubleshooting Operational Amplifier Circuits											•							•
Troubleshooting Overhead Lines										•								•
Troubleshooting Power Supplies											•							$ \cdot $
Troubleshooting Systems and Circuits					•			•						•		•		·
Troubleshooting: Basic Concepts	•			•														·
Troubleshooting: Process Examples	•			•														•
Truck Mounted Cranes												•				•		
Turbine Efficiency, Part 1									•									•
Turbine Efficiency, Part 2									·									Ŀ
Turbine Efficiency, Part 3									ldot									
Turnover	oxdot												•			•		·
Turpentine Awareness												٠				•		\square
Typical Process Reactions, Part 1	•			•														
Typical Process Reactions, Part 2	•			•														oxdot
Underground Cable Installation										•								
Underground Conduit										•								
Underground Residential Distribution Systems										•								•

VECTOR SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	۵	Ľ	Σ	느	Ш	Σ	느	느	۵	Ě	Ш	<u> </u>	۵	Щ	Ŭ	<u>щ</u> О	۵	=
Underground Storage Tank Requirements (UST)												-	\dashv			•		
Understanding Business Ethics		Н	•	•				•			-		\dashv	_			H	
Understanding Facility Costs	-		_	H				_						•		•	H	
Understanding Fire Sprinkler Drawings and Calculations	1			Н							\dashv	-	\dashv	$\dot{\dashv}$		•	Н	
Understanding Forklifts (BBUFLOOCEN)		Н		Н			\vdash		-		\dashv	$\dot{\dashv}$	•	_		•	$\vdash\vdash$	H
Understanding HIPAA		H		\vdash							\dashv	\dashv	-	\dashv		•	⊣	H
Understanding Moisture Intrusion and Its Impact on Mold Growth	\vdash	Н		Н	\vdash	Н	Н		Н	\Box	\dashv	\dashv	\dashv	긕		•	$\vdash \vdash$	H
Understanding Workers' Compensation for Employees (V15)	-	Н		Н							\dashv	\dashv	\dashv	_		•	$\vdash\vdash$	H
Understanding Workers' Compensation for Employers V14											_		-				\vdash	Н
Uninterruptible Power Supply (UPS) System Efficiency		Н		Н					\blacksquare			\dashv		_		•	Н	•
Universal Waste Storage and Handling											_	•	\dashv			•	\vdash	Н
Unstable, Reactive, and Energetic Compounds	-	Н		Н							\dashv	-	\dashv	_			₩	•
UPS Battery Monitoring		Ш		Ш							\dashv	\dashv	\dashv	•		•	Ш	-
URD Transformers	_	Ш		Ш						•	4		_		_		Ш	•
URD Troubleshooting		Ш		Ш						•			_				Ш	\square
Use of Ohm's and Kirchhoff's Laws in DC Circuits					•			•					_	_		•	Ш	-
Using Electrical Test Equipment		Ш		Ш	•			•			_	_	_	_		•	Ш	H
Using Electronic Test Equipment, Part 1		Ш		Ш							•		4				Ш	•
Using Electronic Test Equipment, Part 2		Щ		Щ							•		_				Ш	Ľ
Using Electronic Test Equipment, Part 3				Ш							•						Ш	
Using Line Test Equipment		Щ		Щ						•	_		_				Ш	
UV-Visible Spectroscopy		·		•					Ш		_	_	_				Ш	Ш
Valve Basics		Ш		Ш				•									Ш	<u> </u>
Valve Common Problems		Щ		Щ				•									Ш	Ŀ
Valve Performance								•										
Valves: Basic Types and Operation, Part 1						•		•						·		•		·
Valves: Basic Types and Operation, Part 2						•		•						•		•	Ш	L
Valves: Electric and Hydraulic Actuators						•		•						•		•		
Valves: Introduction to Actuators						•		•						·		•		·
Variable Speed Drives: Common Applications					٠			•						٠		•		·
Variable Speed Drives: Controllers and Troubleshooting, Part 1					•			•						٠		•		·
Variable Speed Drives: Controllers and Troubleshooting, Part 2		Ш		Ш	•			•						·		•	\square	
Variable Speed Drives: Installation					•			•						٠		•	\square	
Variable Speed Drives: Introduction to VSDs					•			•						·		•		·
Variable Speed Drives: Programming AC Controllers					•			•						•		•		·
Variable Speed Drives: Programming DC Controllers					•			•						•		•		•
Variable Speed Drives: System Troubleshooting, Part 1					•			•						•		•		oxdot
Variable Speed Drives: System Troubleshooting, Part 2					•			•				\Box		•		•		•
Variable Speed Drives: Systems and Integration					•			•						•		•		•

VECTOR* SOLUTIONS	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Course Title	۵	Ľ	Σ	느	Ш	Σ	느	• -	۵	Ē	Ш	エ	Δ	й	Ö	щŏ	Δ.	<u>-</u>
Vehicle Brake Basics	-	Н		Н		•	_	•	-	_	_	_		•		•	┝	\vdash
Vibration Analysis: Introduction		Н		Н		H	_	-		_	_			<u> </u>			-	Н
Vinyl Chloride: Safe Handling & Storage												•				•	-	•
Violence in the Workplace	_	Щ		Ш								_	•			•	<u> </u>	•
Volatile Solvent Spill Response		Ш		Ш								•				•	-	Ш
Volt/Ohm/Amp Meters															•	•		Ш
Voltage and Current Principles		Щ		Щ	•	Щ		•	Щ	_		_		•	Щ	•	\vdash	-
Walking and Working Surfaces		Ш		Ш								•		•		•		•
Warehouse and Loading Dock Safety	_	Щ		Щ						_		•				•		Щ
Warning Signs and Labels (BBWSALOCEN)		Ш		Ш								•		•		•		Ľ
Waste Treatment Systems				Ш										•		•		•
Wastewater Treatment and Reclamation: Asset or Liability		Ш		Ш								_		•		•		Ŀ
Water Industry Hydraulics	•			•														·
Water Industry Maintenance on Pumps, Motors, and Circuits	•			•														<u> • </u>
Water Industry Mathematics Basics	•			•														<u> </u>
Water Industry Water Main Installation	•			•														<u> </u>
Water Treatment Basics															•	•		
Water Treatment: Wastewater, Part 1									•									•
Water Treatment: Wastewater, Part 2									•									•
Water Treatment: Water for Plant Systems, Part 1									•									$\lceil \cdot \rceil$
Water Treatment: Water for Plant Systems, Part 2									•									$oldsymbol{\cdot}$
Water-Based Fire Suppression Systems														•		•		•
Weighing and Measuring Techniques		•		•														•
Welding Safety												•				•		П
Welding: Arc Welding						•		•						•		•		•
Welding: Oxy-Fuel Gas Welding						•		•						•		•		•
What's New in Office 2016?													•	•		•		•
Wind Design Using ASCE 7-16														•		•		•
Windows 10 Essentials														•		•		•
Windows 8.1 Essentials													•	•		•		•
Winning Proposals 1: Preliminary Steps & Planning Strategies													•			•		•
Winning Proposals 2: Effective Design & Development													•			•		•
Winning Proposals 3: Components of a Successful Proposal		П		П		П							•			•		•
Winning Proposals 4 & 5: Final Considerations & Evaluations													•			•		•
Wire Rope Basics		П		П								•				•	\vdash	П
Wire Rope Safety and Operation		П		П								•				•	T	П
Wood and Insulation Basics		П		П				•				\dashv					\vdash	1
Work Order Management: CMMS Basics		П		П		Н			П		\exists				•	•	T	H
Work Order Management: Workflow Management		Н		Н		Н						\dashv			•	•	\vdash	H

VECTOR SOLUTIONS Course Title	Process Operations	Lab Operations	Maintenance & Reliability	Industrial Operations	Electrical Maintenance	Mechanical Maintenance	Instrumentation & Control	Industrial Maintenance	Power Generation	Transmission & Distribution	Electronics	Health, Safety, Environment Premium	Professional Development	Facilities Maintenance and Management	Commercial Facilities Maintenance	Facilities Maintenance and Management Complete	Project Management	Industrial Complete
Work Zone Driving Hazards												•				•		
Work Zone Safety												•				•		
Work Zone Safety and Traffic Control												•				•		
Worker Right to Know (RTK)												•				•		
Working Effectively with Building Officials and Inspectors													•			•		•
Working on De-energized Transmission Lines										•								•
Working on Distribution Poles										•								lacksquare
Working Over or Near Water												•				•		
Workplace Ergonomics (BBWOPEOCEN)												•		•		•		$ \cdot $
Workplace Hazardous Materials Information System (WHMIS)												•				•		
Worksite Safety 01: OSHA Safety Introduction												•		•		•	Ш	$ \cdot $
Worksite Safety 02: OSHA Electrical Safety												•		•		•		$oldsymbol{\cdot}$
Worksite Safety 03: OSHA Fall Protection												•		•		•	Ш	lacksquare
Worksite Safety 04: OSHA Struck-By & Caught-Between Accidents												•		•		•		·
Worksite Safety 05: OSHA Personal Protective Equipment												•		•		•	Ш	Ŀ
Worksite Safety 06: OSHA Scaffolds												•		•		•	Ш	
Worksite Safety 07: OSHA Cranes & Other Hoists												•		•		•		·
Worksite Safety 08: OSHA Power Tools and Excavations												•		•		•		•
Worksite Safety 09: OSHA Materials Storage												•		•		•		•
Worksite Safety 10: OSHA Demolition												•		•		•		•
Worksite Safety 11: OSHA Hazards in Communication												•		•		•		•
Wrenches and Hammers								•										•

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Assess, Manage and Develop Learning and Talent

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- Competency Assessments
- Badging
- Task Verification

Manage/Report

- · Credential Management
- Tracking & Reporting on Learning Goals
- Schedule & Manage Instructor-Led Training
- Create User Groups and Attributes

Develop

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- Custom Course Builder
- Social Collaboration Forums
- Multilngual Interface

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