APPENDIX A Logistics Engineering Technology		
Overview		
The job description of a Logistics Engineer Technical Knowledge, General Knowledge,	ng Technician is the combination Core Knowledge, and Workplace Dispositions.	
Core Knowledge	Technical Knowledge	
1. Accounting and Finance	A. Industrial Engineering Technology	
2. Communication	B. Electro-mechanical Engineering Technology	
3. Information Technology		
4. Leadership		
5. Logistics		
1. Accounting and Finance Core Competencies		
1.01	Understand basic accounting and finance terminology	
1.02	Apply managerial and cost accounting concepts in daily work	
1.03	Conduct return on investment analysis	
1.04	Employ inventory and inventory controls	
1.05	Formulate and use key performance indicators	
2. Communication Core Competencies		
2.01	Use appropriate interpersonal communications	
2.02	Utilize effective oral and written presentation skills	
2.03	Interpret data and translate to co-workers and supervisor	
3. Information Technology Core Competencies		
3.01	Be proficient with the Microsoft Office software suite	
3.02	Operate a labor management system	
3.03	Operate a warehouse management system	
3.04	Conduct data mining and analysis	
3.05	Depict results of data mining into a report	
3.06	Extract data from a programmable logic controller and analyze results	
3.07	Use data identification systems including barcodes and RFID (radio frequency identification) tags	

Achieve key performance indicators of the employer
Achieve key performance indicators of immediate
customers
Serve as liaison between the operations team,
equipment and space
Conduct "what if" analyses of multiple scenarios
Serve as a project manager
Understand the full spectrum of supply chain
management
Manage the deployment of material handling equipment
Troubleshoot and resolve issues with unfamiliar
processes
Understand basic capabilities and uses of simulations
Review vendor specifications
Use basic AutoCAD software functions
Adhere to safety concepts in operations and materials handling
Be aware of the regulatory environment (codes, permits, etc.)
Apply ergonomics concepts within daily work
Conduct fundamental work measurement and time study
Adopt continuous process improvement to discover and resolve problems
Optimize resources (machines, technology, space, funding) within an environment
Review facility layouts for optimization
Design the optimal process for moving products
Understand the impacts of process on operations and
equipment
Assist with the conceptual design and execution of
processes Exercise effective decision-making
Understand the use and programming of programmable logic controllers

B-03	Use warehouse control systems
B-04	Understand basic IT networking for the location of data
	drops
B-05	Operate barcode scanners
B-06	Operate industrial electricity controllers
B-07	Be aware of the basics of heating, ventilating, and air
	conditioning within a warehouse
B-08	Apply basic facilities management principles
General Knowledge	
GN-01 Basic mathematics (including	GN-07 Manage vendor relationships
algebra, geometry, and statistics)	
GN-02 Customer service	GN-08 Problem-solving
GN-03 Customer focus	GN-09 Project team skills
GN-04 Cultural diversity and respect	GN-10 Read and interpret facility drawings
GN-05 Expectation for continued personal	GN-11 Time management
and professional growth and	
development	
GN-06 High ethical standards	GN-12 Work independently but knows when to reach out
	for direction and assistance
Workplace Dispositions	
WD-01 Common sense	WD-12 Personable
WD-02 Appropriate dress	WD-13 Proactive
WD-03 Attention to detail	WD14 Positive
WD-04 Confident	WD15 Punctual
WD-05 Dedicated	WD-16 Resourceful
WD-06 Efficient	WD17 Team player
WD-07 Energetic	WD18 Thorough
WD08 Flexible	WD19 Trustworthy
WD09 Good hygiene	WD20 Willing to ask questions
WD10 Honest	WD21 Willing to change
WD-11 Motivated	WD22 Work unsupervised
Desired Credentials	
DC01 Six Sigma	
DC02 Lean	
DC03 Project Manager Certification	
, ,	rol (APICS Certification for personnel in operations):
A. Certified in Production and Inventory	
Management (CPIM)	
B. Certified Supply Chain Professional	
(CSCP)	

DC05 MOST (Maynard Operation		
Sequence Technique) Work Measurement		
which is a pre-engineered time standards		
credential from Maynard—an		
international consulting, software, and		
training company		
DC06 SCPro [™] a three-level certification		
that offers global supply chain		
management professionals offered by the		
Council of Supply Chain Management		
Professionals		
Specialized Equipment used by Logistics		
Engineering Technicians		
SE-01 Storage rack systems		
SE-02 Mobile materials moving		
equipment		
SE-03 Conveyer systems		
SE-04 Box handling cranes and robots		
SE-05 Mobile computing technology		
Next-Generation Technologies		
NG01 In general, any technology that enables the compression of supply chain timelines		
NG02 Voice Control and voice direction of		
systems		
NG03 Pick or Pack to Light		
NG04 Use of mobile communications techn	ologies to increase efficiency	
NG05 Real-time system processing of		
automated systems		
NG06 Automated guided vehicles		
NG07 3D printing		
NG08 Expanded use of robotics		
NG09 Cloud computing		
NG10 Reduction of resource utilization (gre	en focus, energy efficiency, labor efficiency)	
[1] Outcomes from Compression Planning [®] with Storyboarding session held 02-06-2015 with industry		
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